

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. UNIT AGREEMENT NAME INDIAN CREEK	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			8. FARM OR LEASE NAME 14176	
2. NAME OF OPERATOR VORIT EXPLORATION COMPANY, INC.			9. WELL NO. 1	
3. ADDRESS OF OPERATOR P. O. Box 26089, Fort Worth, TX 76116			10. FIELD AND POOL, OR WILDCAT Wildcat	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 3386.96' FSL & 1766.84' FEL At proposed prod. zone 3386.96' FSL & 1766.84' FEL			11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 14, T17S, R6E, SLB & M	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 miles West of Huntington, Utah			12. COUNTY OR PARISH Emery	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1893.04' FNL Sec. 14			13. STATE Utah	
16. NO. OF ACRES IN LEASE 2499.44			17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) None			22. APPROX. DATE WORK WILL START* None	

U.S.F.S., Monte La Sal Nat'l Forest

This Application to Drill the referred to oil and/or gas well was received in this office on 6/15/81. We are withholding approval of this application pending your comments (or input) as to the adequacy of the attached surface management plan and any supplemental stipulations for compliance with your surface management policies.

This proposal will require a joint onsite inspection and Environmental Analysis determination under Sec. 102 of the National Environmental Protection Act of 1969. NEW policy requires that all wells have a joint onsite inspection effective 2-1-75. Please provide a date on which the joint inspection can be made to the following office.

Salt Lake 524-4590
Grand Junction 303-245-8052
Vernal 801-789-5236

[illegible]

2 B # 5-01-81

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and present production rate. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give estimated cost of proposed program, if any.

24

SIGNED

W. L. Andrews, Jr.

TITLE

Geologist

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

1542

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

cc: George Diwachak

IV. APPENDIX

1. Engineering transportation technical report, "Vortt Exploration Company Canyon Road # 50040."
2. Engineering road map.
3. Vortt's Application for a Permit to Drill
4. Archaeological Report

V. LIST OF PREPARERS

The ID team consisted of the following Forest Service people:

John Niebergall	District Ranger (Ferron)
John Erickson	Wildlife Biologist (Ferron)
Bill Dye	Forester (Ferron)
Steve Robison	Geologist, ID Team Leader (Ferron)
Brent Barney	Engineer (S.O.)
Carter Reed	Geologist (S.O.)
Jeff Gavin	Geologist (S.O.)

Consultation from other than the ID team came from the following:

Robert Thompson, USFS, Threatened and Endangered (T & E) Plant specialist. Mr. Thompson gave clearance for the T & E plants.

James Jensen, USFS, Visual Resource Management Specialist. Mr. Jensen provided input concerning visual resource concerns and mitigations.

Ed Patterson, Vortt Exploration Co. Mr. Patterson described several of the physical aspects of the proposed drilling program.

Diana Christensen, Utah Archaeological Research Corp., archaeologist. Ms. Christensen conducted an archaeological inventory of the site and gave clearance for this well site.

IV. ENVIRONMENTAL CONSEQUENCES

A. Effects of Implementation

All issues and/or concerns can be effectively mitigated except that increased traffic will still present a safety hazard, especially concerning the road below the Trail Mountain Coal Mine. About 2 acres of land will be disturbed by this project. However, the disturbed areas will be reclaimed.

B. Evaluation of Alternatives

No evaluation of alternatives is necessary because only one viable alternative was identified by the ID team.

F. Public Safety and Recreation

The Cottonwood Road receives relatively heavy use by livestock permittees, recreationists, hunters, and coal exploration drilling traffic. The road also receives heavy coal haul traffic below the Trail Mountain Mine. The road has several blind corners throughout and some very narrow sections adjacent to and just above the Trail Mountain Mine. Cottonwood Canyon receives dispersed recreation camping, especially during the big game hunting seasons although no developed or inventoried recreation sites are present in the immediate vicinity of the proposed drill sites.

G. Transportation

Cottonwood road, #50040, is presently used as a coal haul road, livestock driveway, coal exploration drilling traffic, and relatively heavy traffic. The lower part of the road (below Trail Mountain Mine) is not adequate for the existing use. Several areas of the road between the mine and the proposed drill site have a poor alignment, are narrow, and somewhat steep (see attached engineering report for a detailed description of the existing road).

H. Visual Resources

The visual quality objective for Cottonwood Canyon is partial retention. A drill rig on the site would be highly visible from the Cottonwood Road, but will meet the partial retention visual quality objective, because of the temporary nature of the disturbance. The reclaimed site would meet the visual quality objective.

III. AFFECTED ENVIRONMENT

A general description of the environment can be found in the Ferron-Price Land Management Plan, Unit A-6. There are no known listed or proposed, threatened or endangered plants or animals, wilderness or further planning areas, alluvial valley floors, prime or unique farmlands, rangelands or timberlands, or wetlands that will be disturbed by this project.

A. Soils and Watershed

Soils at the drill site are quite deep as the site is essentially in the canyon bottom. Soils are sandy, with minor amounts of clay. Rock fragments are common in the soil, with some large boulders present. The soils have only a moderate-low organic content.

B. Water

The water in Cottonwood Creek is used for culinary purposes and for irrigation in the towns of Castle Dale and Orangeville. Cottonwood Creek (below its confluence with Seely Creek) also supports an excellent fishery. The water in Cottonwood Creek adjacent to the drill site (when flowing) is very high quality water that is used by both livestock and wildlife.

C. Wildlife

The area of the drill site is used as early winter and spring range by deer and elk. Deer also use the area during the summer. Drilling in the summer should not greatly affect these animals. Several non-game species of birds, mammals and reptiles also inhabit the area.

D. Vegetation and Range

Vegetation at the proposed drill site is mostly sagebrush, grasses, and cactus with minor forbs and brouse. The area of the drill site also has aspen, fir, pinjon and juniper. A Forest Service threatened and endangered plant specialist reviewed the proposed drill site; it did not contain listed or proposed threatened or endangered plant species or their known habitat.

The proposed drill site is in the Trail Mountain C&H allotment. The fences and cattleguards in the area of the drill site are essential to proper range management.

E. Fire

The proposed drill site becomes dry during the summer and early fall months. The increased activity in the area caused by the drilling of this well will increase the chance of a man-caused fire.

SEED MIXTURE

Crested Wheatgrass	4 lbs.
Western /Intermediate Wheatgrass	3 lbs.
Pubescent Wheatgrass	3 lbs.
Small Burnett	1 lbs.
Yellow Sweet Clover	<u>1 lbs.</u>

12 lbs./acre

- k. Adequate fire suppression tools must be kept at the site at all times.
 - l. The drill pad shall be fenced with 4-strand barbed wire after it has been reseeded until the vegetation is established to prevent cattle from disturbing the site.
 - m. Drill rig break down and travel on the Cottonwood road shall be coordinated with the livestock permittees to prevent problems with livestock removal from the Forest.
 - n. Any damage to range improvements (fences, cattle-guards, etc.) shall be repaired immediately.
 - o. Any special stipulations concerning roads and public safety included in the Engineering Report, shall be made a part of the permit as well as the above stipulations.
 - p. It maybe necessary to line the pit to stop leakage of drilling fluids into Cottonwood Creek. An examination of the pit will be made by Forest Service personnel before drilling begins.
 - q. A road use permit is required prior to moving any heavy equipment over Forest Service roads.
 - r. The site will require fertilizing to help assure vegetative reestablishment.
 - s. Site construction will be in accordance with "Guidlines for Oil and Gas Operations" unless specifically noted.
3. Alternate Drill Sites

The alternative for alternate drill sites did not meet evaluation criteriam #2 (the U.S. Geological Survey requires a 2-mile spacing of these two drill sites).

1. No Action

Assessment of the "NO Action" alternative is required by CEQ Guidelines (Federal Register, November 29, 1979). Under this alternative, permission to drill would not be given and drilling would not take place. This alternative does not meet alternative Formulation criteria #2 and #5.

2. Project as proposed with Mitigations

Several investigations of the Cottonwood Canyon area were conducted in an attempt to locate suitable drilling locations. The site selected is the most desirable site from a surface management standpoint. The following management requirements and constraints (mitigating measures) must be considered as part of the project as proposed:

- a. Top soil will be removed and stockpiled at the beginning of site preparation.
- b. All garbage will be hauled from the Forest and disposed of properly.
- c. The site will be returned to the approximate original contour.
- d. No camp sites will be permitted in Cottonwood Canyon
- e. Self-contained sanitation facilities shall be present at all times when crews are working at the site.
- f. An eyebrow ditch will be constructed above all cut slopes to divert overland flow around the site.
- g. Contaminated soils and gravel will be placed in the reserve pit and buried at the conclusion of drilling or hauled off National Forest lands and disposed of properly.
- h. The permittees shall make their own arrangements for water. The Forest Service cannot approve a water source. Any surface disturbing water developments need Forest Service approval. The Forest Service must be notified of all water developments.
- i. At the conclusion of drilling, the reserve pit will be fenced until dry to prevent livestock and wildlife from drinking the contaminated water.
- j. At the conclusion of drilling, topsoil will be re-distributed after site reclamation and seeded with the following seed mix:

II. ALTERNATIVES

A. Proposed Action

Vortt Exploration Co. has proposed to drill two exploration oil and/or gas wells in Cottonwood Canyon (see map and operating plan). The Forest Service ID team onsite was held June 11, 1981. Pre-onsite investigations of the area were held by Forest Service Personnel (Bill Boley, Carter Reed, and Steve Robison) and Vortt representatives trying to select the most suitable sites. The lower site proposed by Vortt is the site most preferred by the Forest Service.

The south site lies in planning unit A-6 of the Ferron-Price Land Management Plan. Oil and gas leasing and exploration may be done in this planning unit.

Access to the drill sites is via Cottonwood Road, #50040. The south site would need to cross Cottonwood Creek (a culvert installation will be necessary) and would have approximately 300 yards of new access construction to get to the site. Grades for the road would be 8-9%. Some road widening (near the Trail Mountain Coal Mine) and corner removing would be necessary for safe travel of the expected use (see engineering report). A total of 2-3 acres would be disturbed by drilling the south site and the associated access road work.

B. Alternative Formulation Criteria

The following Alternative Formulation Criteria were developed by the ID team in connection with this project:

1. Any alternative must be consistent with management decisions in the Ferron-Price Land Management Plan.
2. Any alternative must be consistent with all applicable local, state, and Federal laws and regulations.
3. Any alternative must provide safe vehicular use of Cottonwood Road.
4. No drill sites will be permitted on slopes in excess of 25%.
5. Any alternative shall provide reasonable access to the leases.

C. Alternative Evaluation Criteria

Only one alternative meets the Formulation Criteria; therefore, no Evaluation Criteria are needed.

D. Alternatives Considered

Three alternatives were considered in connection with this project; the No Action alternative, the project as proposed with mitigations, and alternate drill sites.

6. Public Safety and Recreation

Low sight distance is present where the access road to the south site leaves the Cottonwood Road. Very narrow and constricted road conditions are present in the Cottonwood Road near the Trail Mountain Coal Mine Site. Recreational traffic, especially during the big game hunting seasons, can be quite heavy.

7. Transportation

Cottonwood road, #50040, is presently inadequate for the existing use plus the proposed use. Several blind corners and narrow stretches are present, creating safety hazards. Roads could be damaged during wet conditions, and a loss of fines from the road surface could occur in dry periods (see the engineering report in the appendix for details). Road upgrading may be necessary if either of the wells is a producer.

8. Visual Resources

The south site would be highly visible from the Cottonwood Road and would not meet visual quality objectives if left unrehabed.

Impacts to the following resources were all considered by the ID Team to be insignificant: timber, socio-economics, and air quality.

I. NEED FOR ACTION

Vortt Exploration Co., Inc. of Fort Worth, Texas has submitted an application for a permit to stake (1-14-81) and an application for a permit to drill two exploratory oil and gas wells in Cottonwood Canyon, Emery County, Utah (submitted 6-5-81, resubmitted 6-15-81). Only the southern location will be covered in the Environmental Assessment (EA) because the north site is on Utah State administered land. However, concerns for surface resources off the State land that may be affected by the drilling of this well will be addressed in the EA. The ID Team onsite was held 6-11-81; the joint onsite with Vortt and the US Geological Survey was held 7-6-81. Vortt has obtained a unit agreement covering the area of these drill sites; these wells will be the test holes for this unit agreement. The north drill site is located in the SW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 117S, R6E, and the south site is in the SW $\frac{1}{4}$, NE $\frac{1}{4}$, Sec. 16, T17S, R6E (see attached map). These proposed drill sites are for Wildcat Wells; any production facilities or structures would be covered in a separate Environmental Assessment(s). The existing road may not be adequate if the wells are producers.

A. Issues, Concerns and Opportunities

The following issues, concerns and/or opportunities were identified for this project by the Interdisciplinary (ID) Team:

1. Soils and Watershed

Removal of vegetation, improper site preparation and/or site reclamation, and contamination of the soils could result in soil losses, increased erosion and/or watershed damage.

2. Water

Contamination of Cottonwood Creek could occur (concern for both sites).

3. Wildlife

Wildlife species could drink contaminated water from the mud pits.

4. Vegetation and Range

Potential loss of vegetation on the site. Cattle may disturb the newly rehabed site. Drilling associated activities may disrupt the trailing of livestock in Cottonwood Canyon. A drill site not properly and timely reclaimed greatly increases the potential for unsuccessful revegetation. Drilling associated vehicles could damage range improvements or structures. Gates left open could cause problems with livestock owners and hinder proper range management. Animals may drink from the mud pits. Withdrawal of water from ponds or troughs for drilling purposes could cause a shortage of water for livestock and wildlife.

5. Fire

Drilling and associated activities increase the chances of man-caused fires.

ENVIRONMENTAL ASSESSMENT

Vortt Exploration Co., Inc.
Wildcat Oil and Gas Wells
Cottonwood Canyon
Manti-LaSal National Forest

Prepared By:
Steven F. Robison
District Geologist
July 1, 1981

Approved By: Billy J Dye acting DFR Date 7-23-81
JOHN NIEBERGALL, Ferron District Ranger

RECORD OF DECISION
AND
FINDING OF NO SIGNIFICANT IMPACT

Vortt Exploration Co., Wildcat Oil and Gas Well
Cottonwood Creek
Emery County, Utah

An Environmental Assessment (EA) that discusses the anticipated impacts associated with Vortt Exploration's oil and gas well in Cottonwood Creek, Emery County, Utah (T17S., R6E, Sec. 14, SLM) is available for public review at the Ferron Ranger District in Ferron, Utah, and at the Forest Supervisor's Office in Price, Utah.

It is my decision based on the assessment and evaluation described in the EA, that the proposed project be allowed as described with the mitigations. The mitigations (management requirements and constraints) are listed on pages 4-5 of the EA.

I have determined through the EA that this is not a major Federal action that would significantly affect the quality of the human environment; therefore, an Environmental Impact Statement is not needed. This determination was made considering the following factors:

1. There are no wetlands, prime or unique rangelands, timberlands or farmlands, wilderness or future planning areas, alluvial valley floors, known threatened or endangered plants or animals, archaeological or paleontological values associated with this proposal.
2. No disturbance to flood plains will occur.
3. There are no apparent adverse cumulative or secondary effects.
4. The approval of the project is consistent with the Ferron-Price Land Management Plan.
5. The identified issues, concerns and impacts can be effectively mitigated.

Recommended for
Approval by:

Billy J. Doe acting DFR
JOHN NIEBERGALL, Ferron District Ranger

Date 7-23-81

Approved by:

Reed C. Christensen
REED C. CHRISTENSEN, Forest Supervisor

Date 7/23/81

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Ferron R.D.

Utah State

REPLY TO:

2820

July 23, 1981

SUBJECT:

Vortt Exploration's proposed Cottonwood Canyon Wildcat Well

TO:

Forest Supervisor

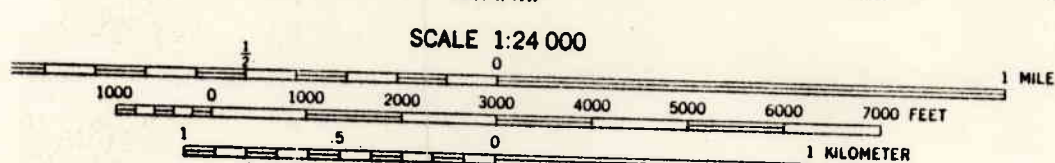


Attached for your approval is the final EA and Decision Notice for Vortt Exploration's proposed oil and gas well in Cottonwood Canyon. The transportation plan (engineering) is included in the appendix. The signed road use permit should probably also be placed in the appendix. If you have any questions, please contact Steve Robison.

Billy J. Dye

for JOHN NIEBERGALL
District Ranger





CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAP NO. 1
Existing Roads:
New Roads:
Proposed Gas Line:
Scale: 1" = 2000'

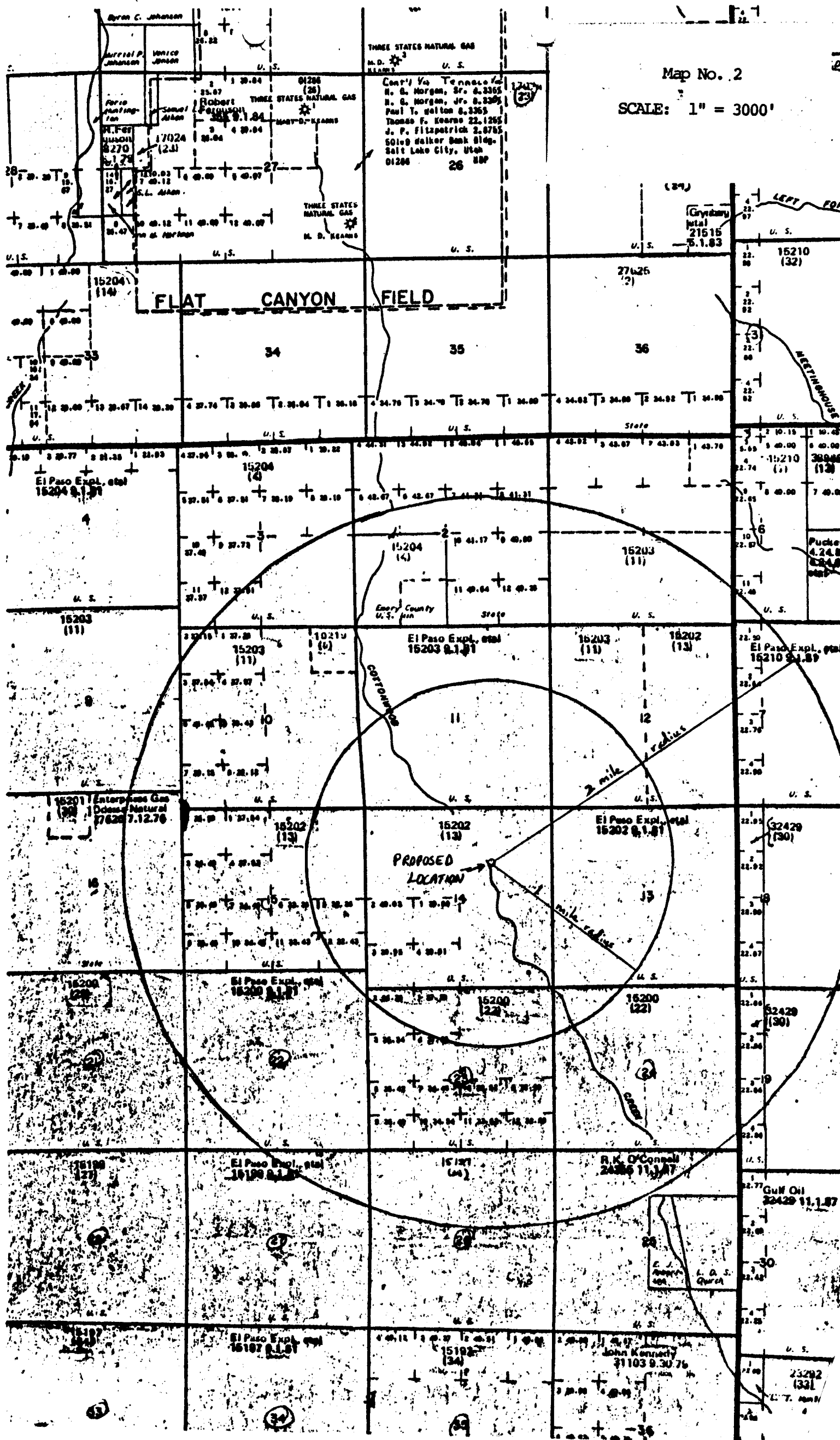


ROAD CLASSIFICATION
Primary highway, hard surface Light-duty improve
Secondary highway, hard surface Unimproved
Interstate Route U. S. Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80226 OR RESTON, VIRGINIA 22094

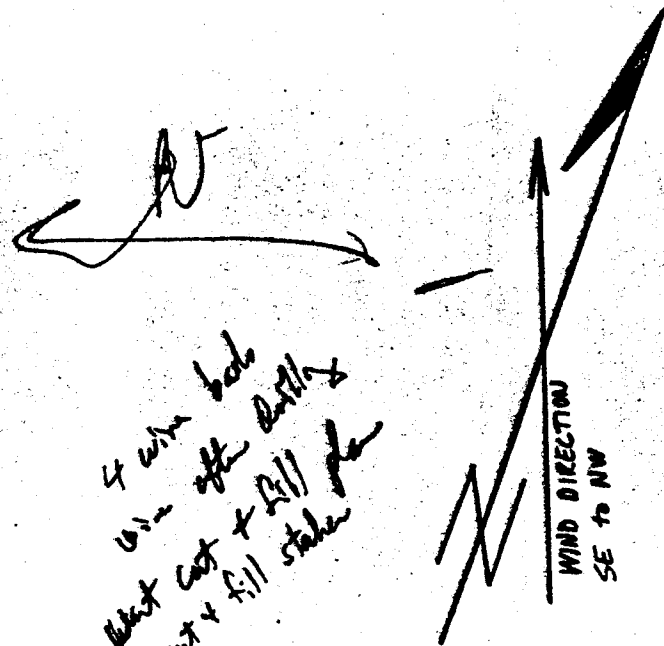
MAHOGANY
N3915.1

SCALE: 1" = 3000'

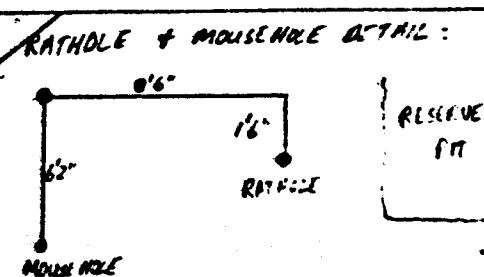
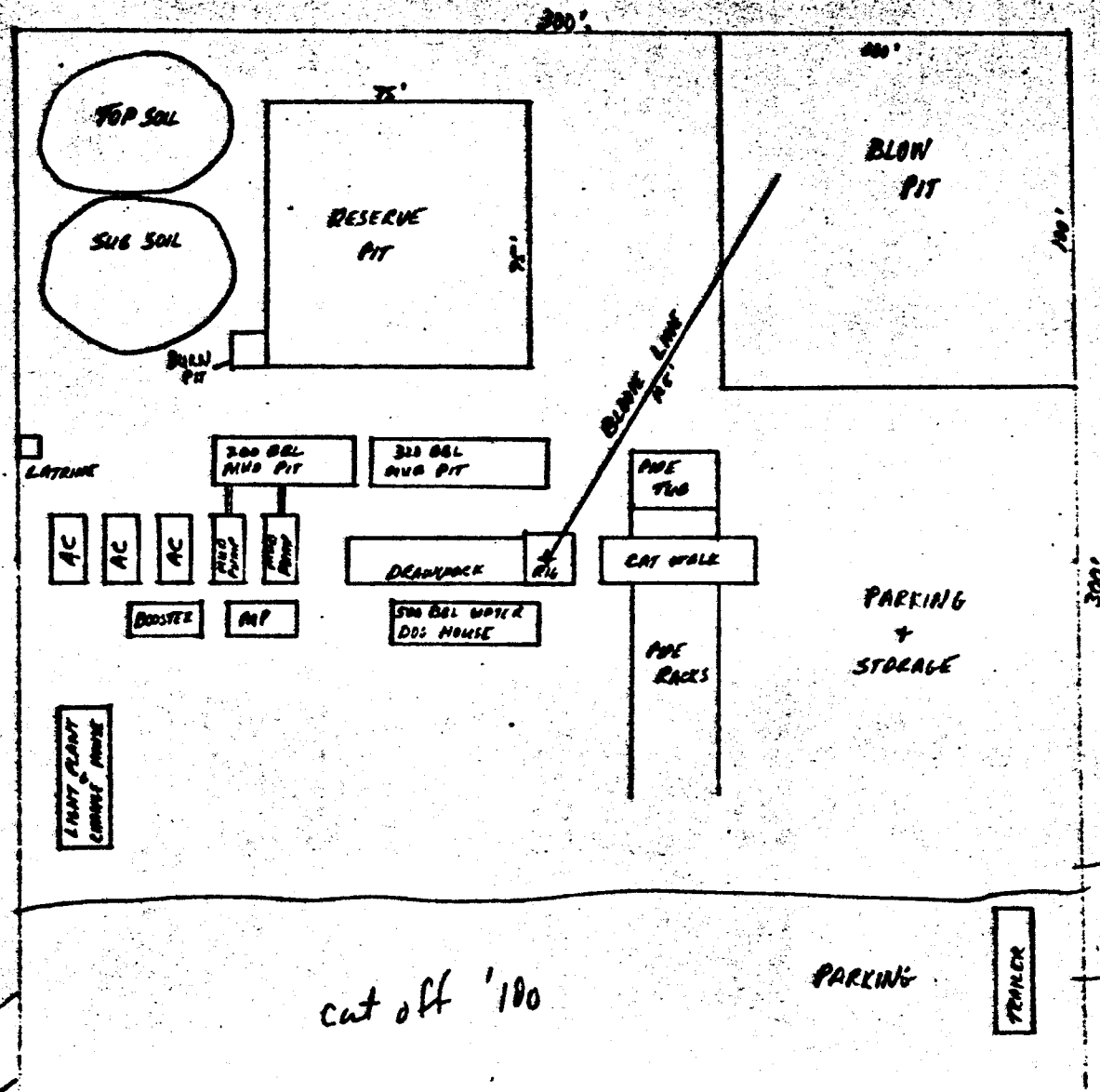


VORTT EXPLORATION COMPANY, INC.

LOCATION LAYOUT FOR
WELL LOCATION IN
NE 1/4 SEC. 14, T17S, R6E
SCALE: 1" = 50'



ACCESS ROAD



1. GROUND LEVEL TO TOP OF ROTARY BEAMS: 10'
2. GROUND LEVEL TO KELLY BUSHING: 12'
3. CENTER OF HOLE TO RESERVE PIT: 25'

PLAT NO. 1

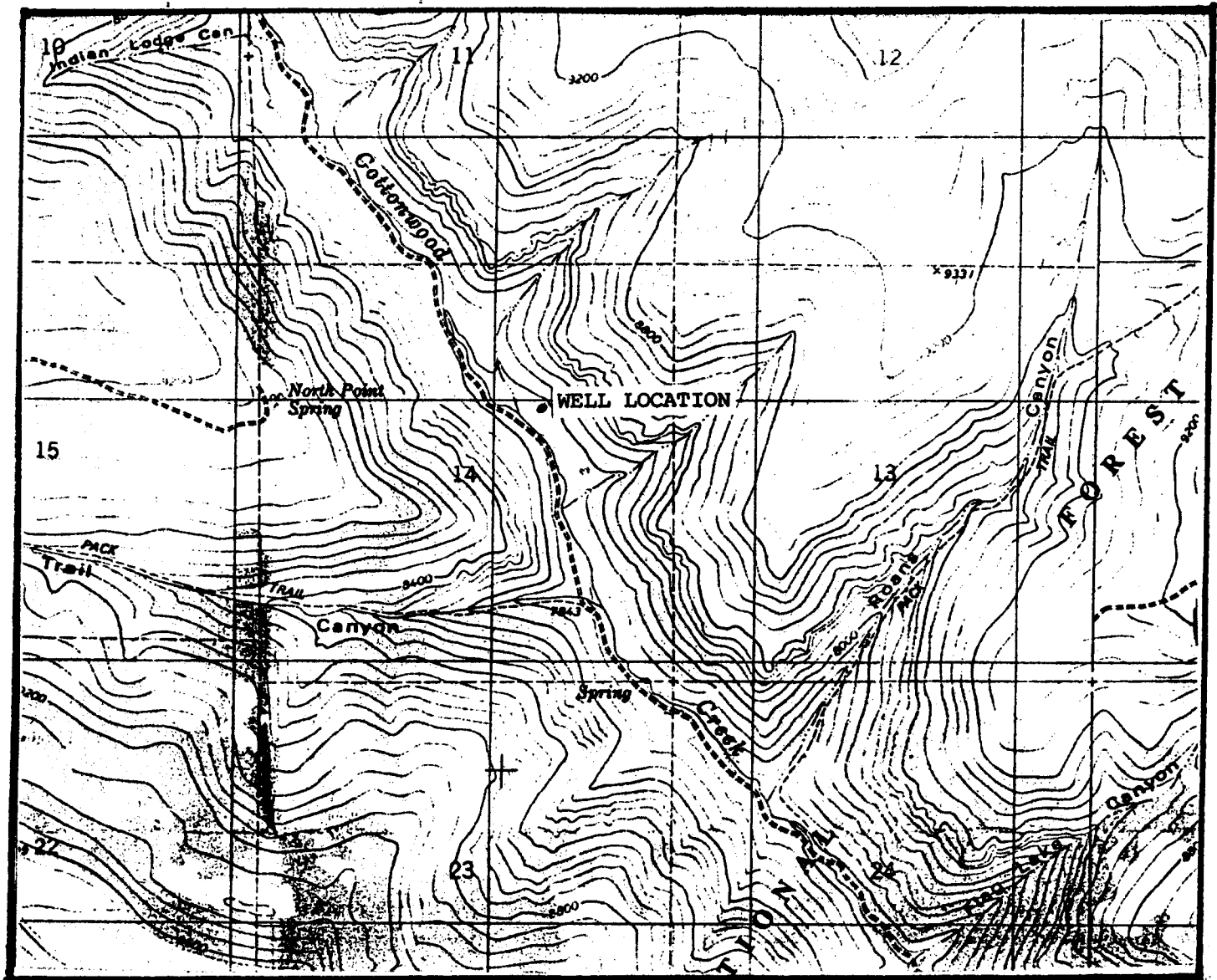


DRILL LOCATION T17S, R6E, SECTION 14
LOOKING NORTH



UTAH ARCHAEOLOGICAL RESEARCH CORPORATION
87 E. Center, Suite 105
Spanish Fork, Utah 84660
Tel. (801) 798-7061

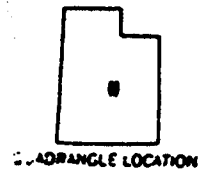
Archaeological Consultants



T 17S R 6E Section 14
UTM Zone 12 N 482300 E 4354900
Project: UEC-81-2
Date: June 4, 1981
Legend: Well location •

County: Emery

Quad: Mahogany Point 7.5'



CITED REFERENCES:

- HAUCK, Richard
1977 Archaeological Inventory of Grimes Creek.
AERC ms.
1979a Cultural Resource Evaluation in Central
Utah 1977. BLM Cultural Resource Series
No. 3.
1979b Preliminary Report on the Cultural Resource
Evaluation and Test Excavations in Cottonwood
Canyon, Emery County, Utah. AERC Utah Power
and Light Report.
1980 Archaeological Sample Survey and Cultural
Resource Evaluations of the East Mountain
Locality in Emery County, Utah. AERC Utah
Power and Light report.

The area investigated for this report was at a 7900 foot elevation which places it above that level.

METHODOLOGY

The oil well location was surveyed by the archaeologist in approximately 15 meter transects until a 300-foot square around the center stake was covered.

The day of the survey was clear and cool with partial cloud cover. The time spent on the inventory for this location was approximately 1½ hours.

RESULTS AND RECOMMENDATIONS

No archaeological resources were observed near the proposed well location. It is recommended that clearance be given with the following stipulations:

1. All construction activities will be restricted to those areas examined during the survey.
2. A qualified archaeologist should be notified if construction activities uncover any subterranean cultural remains during the course of the project.



Diana Christensen,
Principal Investigator

ARCHAEOLOGICAL RECONNAISSANCE OF A DRILL LOCATION

IN COTTONWOOD CREEK, EMERY COUNTY, UTAH

INTRODUCTION

On June 3, 1981, Diana Christensen of Utah Archaeological Research Corporation conducted an archaeological survey for a proposed oil well location in Cottonwood Canyon of Emery County, Utah. The area is located on forest land of the Manti-LaSal National Forest (Ferron District) at Township 17 South, Range 6 East, Section 14, Southwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$.

The area is a relatively flat sage park on the east side of Cottonwood Creek at the base of the canyon wall. Flora around the drill site is sagebrush and grasses with pinyon and juniper trees nearby on the slope and willow along the creek approximately 200 feet west.

The soils are sandy riverine fill with sandstone on the hillside. The land is eroded by the creek but in good condition.

A file search was conducted at the Ferron District Office which revealed no archaeological sites recorded in the section.

Previous archaeological work in the area includes several projects by AERC including the Grimes Creek Inventory (Hauck, 1977), The Central Coal Project (Hauck, 1979a), Cottonwood Creek Intensive (Hauck, 1979b) and the Trail Mountain Timber Sale conducted by Gillio of the Forest Service in 1975. These projects attest to frequent aboriginal occupation of the area which are mainly in the form of lithic scatters and quarries or rock shelters. Hauck (1977) found all three archaeological sites within a 6700-7000-foot elevation.

ARCHAEOLOGICAL SURVEY OF A DRILL LOCATION
IN COTTONWOOD CREEK, EMERY COUNTY, UTAH

ABSTRACT: An archaeological survey was conducted by Utah Archaeological Research Corporation for a proposed oil well location in Cottonwood Creek, Utah.

CLIENT: Vortt Exploration Corporation

PROJECT AREA:

Legal - T17S, R6E, Section 14 SW $\frac{1}{4}$ of NE $\frac{1}{4}$
Map - Mahogany Point 7.5' 1979
Emery County, Utah

Forest land, Manti-LaSal National Forest, Ferron District
approximately 300 square feet surveyed around drill
location

DATE OF FIELDWORK: June 3, 1981

PERSONNEL INVOLVED: Diana Christensen

RESULTS AND RECOMMENDATIONS: No archaeological resources were located.
It is recommended that clearance be given the project as now
proposed.

UTAH ARCHAEOLOGICAL RESEARCH CORPORATION • 87 E. CENTER, SUITE 103 • SPANISH FORK, UTAH 84660 • (801) 798-7061
FIELD OFFICE: P.O. BOX 1147 • MONTICELLO, UTAH 84535

SUBJECT: Archaeological Survey of a Drill Location in Cottonwood
Creek, Emery County, Utah

AUTHOR: Diana Christensen
Principal Investigator

DATE: June 4, 1981

PROJECT: Vortt Exploration Corporation-1981-2

PERMIT: Utah State # 612
Forest Special Use Permit

PREPARED FOR:

Mr. Ed Patterson
Vortt Exploration Corporation
P.O. Box 26089
Fort Worth, TX 76116

Dr. David Madsen
Utah State Historical Society
300 South Rio Grande
Salt Lake City, UT 84101

Mr. Steve Robison
Ferron Ranger District
P.O. Box 129
Ferron, UT 84523

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

June 17, 1981

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76106

UNITED STATES GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

ATTN: George Diwachak

RE: Application for Permit to Drill
Well No. 1, Sec. 23, T21S, R5E,
Sevier County, Utah, Lse. # U-15179;
✓ Well No. 1, Sec. 14, T17S, R6E,
Emery County, Utah, Lse. # U-15202

Dear Mr. Diwachak:

Enclosed herewith please find revised Multipoint Surface Use Plans and Well Location Layout Plats for the two captioned proposed wells. We have attempted to follow the guidelines set out in NTL-6 as close as possible.

If there are still problems, please contact me at the above number at your earliest convenience. Please accept our apologies for submitting these incorrectly. We are new to federal operations and not use to all the restrictions.

Thank you for your continued assistance in this matter.

Very truly yours,

VORTT EXPLORATION COMPANY, INC.



H. E. Patterson
Land Manager

HEP/s
Encls.

U15204
OG Lse

IL 171 NOL
Base Lands

43-65-0134

NOL

2 37.15 | 1 37.28

3 37.84 | 4 37.97

6 38.46 | 5 38.43

7 39.15 | 8 39.12

2 36.50 | 1 37.54

3 36.49 | 4 37.53

8 35.48 | 7 34.48 | 6 33.36 | 5 32.36

9 35.48 | 10 34.48 | 11 33.43 | 12 32.43

3 39.95 | 4 39.91

U15202
OG Lse

2 36.28 | 1 37.29

3 36.34 | 4 37.35

8 35.42 | 7 34.48 | 6 33.62 | 5 32.68

9 35.48 | 10 34.54 | 11 33.63 | 12 32.69

U15200
OG Lse

27

26

25

2674

U24355
OG Lse

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Manti-LaSal National Forest
599 West Price River Drive
Price, Utah 84501

RECEIVED

2820

JUL 29 1981

July 27, DIVISION OF
OIL, GAS & MINING



Edgar W. Gynn
U.S. Geological Survey
2000 Admin. Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Dear Mr. Gynn

Enclosed for your information are copies of the approved Environmental Assessment (EA) and Forest Service Road Use Permit for Vortt Exploration Company, Inc.'s operations in Cottonwood Canyon on the Manti-LaSal National Forest.

The Environmental Assessment addresses the Indian Creek #1 Wildcat Well and access to both this site and the drilling location located on State land. The Road Use Permit authorizes access for operations on Forest lands in Cottonwood Canyon for both sites.

Sincerely,

W. H. Bolay

for
REED C. CHRISTENSEN
Forest Supervisor

Enclosures

cc: Utah Div. of Oil & Gas & Mining
D-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR VORIT EXPLORATION COMPANY, INC.		3. ADDRESS OF OPERATOR P. O. Box 26089, Fort Worth, TX 76116		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 3386.96' FSL & 1766.84' FEL At proposed prod. zone 3386.96' FSL & 1766.84' FEL		5. LEASE DESIGNATION AND SERIAL NO. U-15202	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 miles West of Huntington, Utah		15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1893.04' FNL Sec. 14		16. NO. OF ACRES IN LEASE 2499.44		17. NO. OF ACRES ASSIGNED TO THIS WELL 320		18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 6950'	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8000' GL		22. APPROX. DATE WORK WILL START* Rotary		23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS Rotary		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T17S, R6E, SLB & M		12. COUNTY OR PARISH Emery	
13. STATE Utah		10. FIELD AND POOL, OR WILDCAT Wildcat		9. WELL NO. 1		8. FARM OR LEASE NAME 14176		7. UNIT AGREEMENT NAME INDIAN CREEK		6. IF INDIAN, ALLOTTEE OR TRIBE NAME —	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	10 3/4"	40.5#	200'	100 sacks
9 5/8"	7 5/8"	26.40#	2400' if needed	125 sacks
6 1/4"	4 1/2"	10.50#	6900'	176 sacks

Selectively perforate and fracture the Ferron and Dakota Formation with 20,000 gal of jelled weak acid and 200 sacks of 20-40 sand.

This gas is not dedicated.

The N/2 of Section 14 is dedicated to this well.

A 3000 psi Working pressure and 5000 psi test blowout preventer will be used.

Diagram attached hereto.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED W. L. Andrews, Jr. TITLE Geologist DATE June 8, 1981
(This space for Federal or State office use)

PERMIT NO. WT 2000 APPROVAL DATE AUG 03 1981
APPROVED BY E. W. GYNN FOR DISTRICT ENGINEER
CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

2 state 01 92

PROPERTY DESCRIPTION:

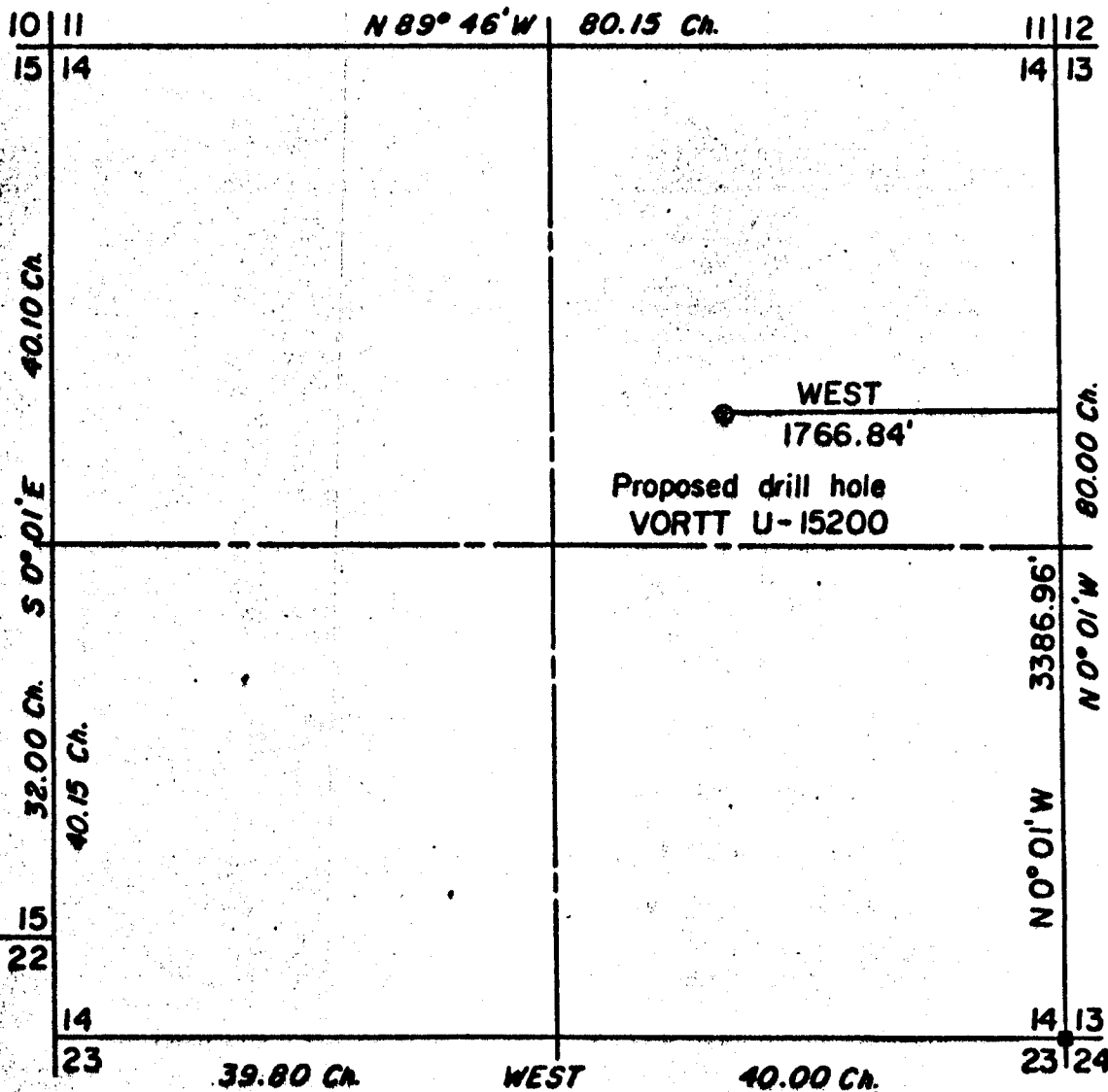
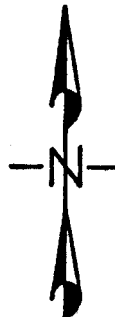
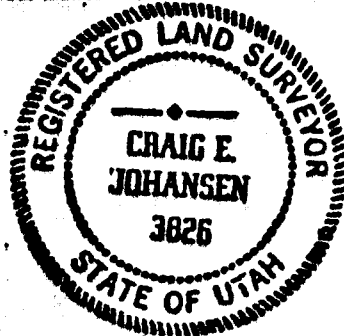
VORTT U-15200

Located at a point $N0^{\circ}01'W$, 3386.96 feet and 1766.84 feet West of the SE corner of Section 14, T.17S., R.6E., SLB&M.

■ - Denotes found corner.

CERTIFICATE

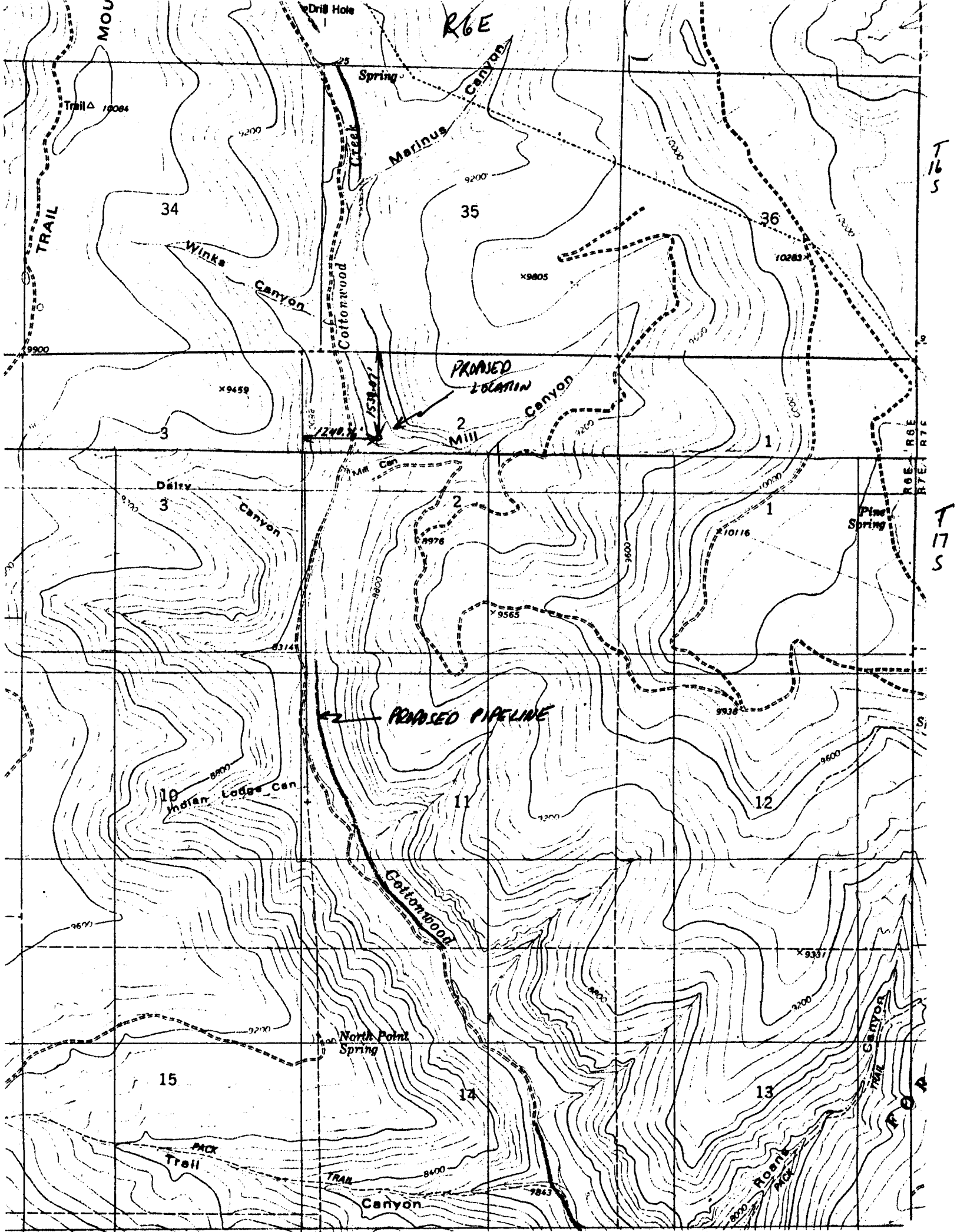
Craig E. Johansen
CRAIG E. JOHANSEN
REGISTERED LAND SURVEYOR
HOLDING CERTIFICATE NO. 3826, DO HEREBY CERTIFY THAT THE PLAT SHOWN HEREON HAS BEEN PREPARED FROM A FIELD SURVEY MADE UNDER MY DIRECTION AND CORRECTLY SHOWS THE DIMENSIONS AND MONUMENTS OF THE PROPERTY DESCRIBED TO THE BEST OF MY KNOWLEDGE AND BELIEF. FURTHERMORE, ENCROACHMENTS OF FENCES AND IMPROVEMENTS ARE SHOWN WITH THE FOLLOWING EXCEPTIONS:



SECTION	TOWNSHIP	RANGE
14	17 S	6 E
DATE	SCALE	BLOCK
6 - 81	1" = 1000'	
PLAT	SURVEY	

CRAIG E. JOHANSEN
REGISTERED LAND SURVEYOR
JOHANSEN & TUTTLE ENGR. INC.
CASTLE DALE, UTAH

SURVEY FOR
**VORTT EXPLORATION
COMPANY INC.**
2728 LAREDO DRIVE
FORT WORTH, TEXAS - 76116



[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-15202
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME —
2. NAME OF OPERATOR VORIT EXPLORATION COMPANY, INC.		7. UNIT AGREEMENT NAME INDIAN CREEK
3. ADDRESS OF OPERATOR P. O. BOX 26089, Fort Worth, Texas 76116		8. FARM OR LEASE NAME 14176
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 3386.96' FSL & 1766.84' FEL At proposed prod. zone 3386.96' FSL & 1766.84' FEL		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 miles West of Huntington, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1893.04' FNL Sec. 14	16. NO. OF ACRES IN LEASE 2499.44	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T17S, R6E, SLB & M
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None	19. PROPOSED DEPTH 6950'	12. COUNTY OR PARISH Emery
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8000' GL		13. STATE Utah
22. APPROX. DATE WORK WILL START*		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	10 3/4"	40.5#	200'	100 sacks <i>cnc to surf.</i>
9 5/8"	7 5/8"	26.40#	2400' if needed	125 sacks
6 1/4"	4 1/2"	10.50#	6900'	176 sacks

Selectively perforate and fracture the Ferron and Dakota Formation with 20,000 gal of jelled weak acid and 200 sacks of 20-40 sand.

This gas is not dedicated.

The N/2 of Section 14 is dedicated to this well.

A 3000 psi Working pressure and 5000 psi test blowout preventer will be used.

Diagram attached hereto.

RECEIVED
SEP 21 1981

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED H. E. Patterson TITLE Land Manager DATE June 8, 1981
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 10-15-81
BY: M. J. Minder

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(917) 244-4901
P. O. Box 28089

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76116

TEN POINT OPERATIONS PLAN

INDIAN CREEK UNIT - WELL NO. 14176

1. The geologic name of the surface formation is the North Horn of the Lower Tertiary.
2. Estimated tops of important geologic markers.

Ferron: 5850'

Dakota: 6850'
3. Due to lack of information in the area, we are unable to estimate what depth water would be encountered. Gas and/or oil is expected to be encountered based on porosity development in the Ferron from 5875' to 6275' and in the Dakota from 6850' to 6950'.
4. Proposed casing program:

10 3/4" to 200' of 40.5# New

7 5/8" to 2400', if needed, of 26.04# New

4 1/2" to Total Depth of 10.50# New
5. A 3000 psi working pressure and 5000 psi test rating. Equipment includes a 5 valve choke manifold with a positive and adjustable choke; kill line will be provided at all times.
6. The proposed well is to be drilled with air. If water is encountered, we will go to mist drilling or aerated drilling by injecting drilling soap into the system. This process can handle in excess of 100 barrels of formation water per hour. If conditions encountered in the hole force us to go to mud, we would use freshwater mud with Gel for viscosity and Bar for weight. The viscosity and weight of such mud would be governed by hole conditions.
7. Auxiliary equipment will include: (1) 6 5/8" left hand kelly cock, (2) floats at the bit, (3) floor safety valve at all times for drill pipe.
8. As many as three drill stem tests could be run in the hole during the course of drilling, depending on the quality of the formation to be tested. There will not be any coring in this hole. If no intermediate casing is run, the well will be logged from Total Depth back to surface casing when drilling is completed. If an intermediate string of casing is run, a cased hole log will be run thru pipe from the bottom of the intermediate

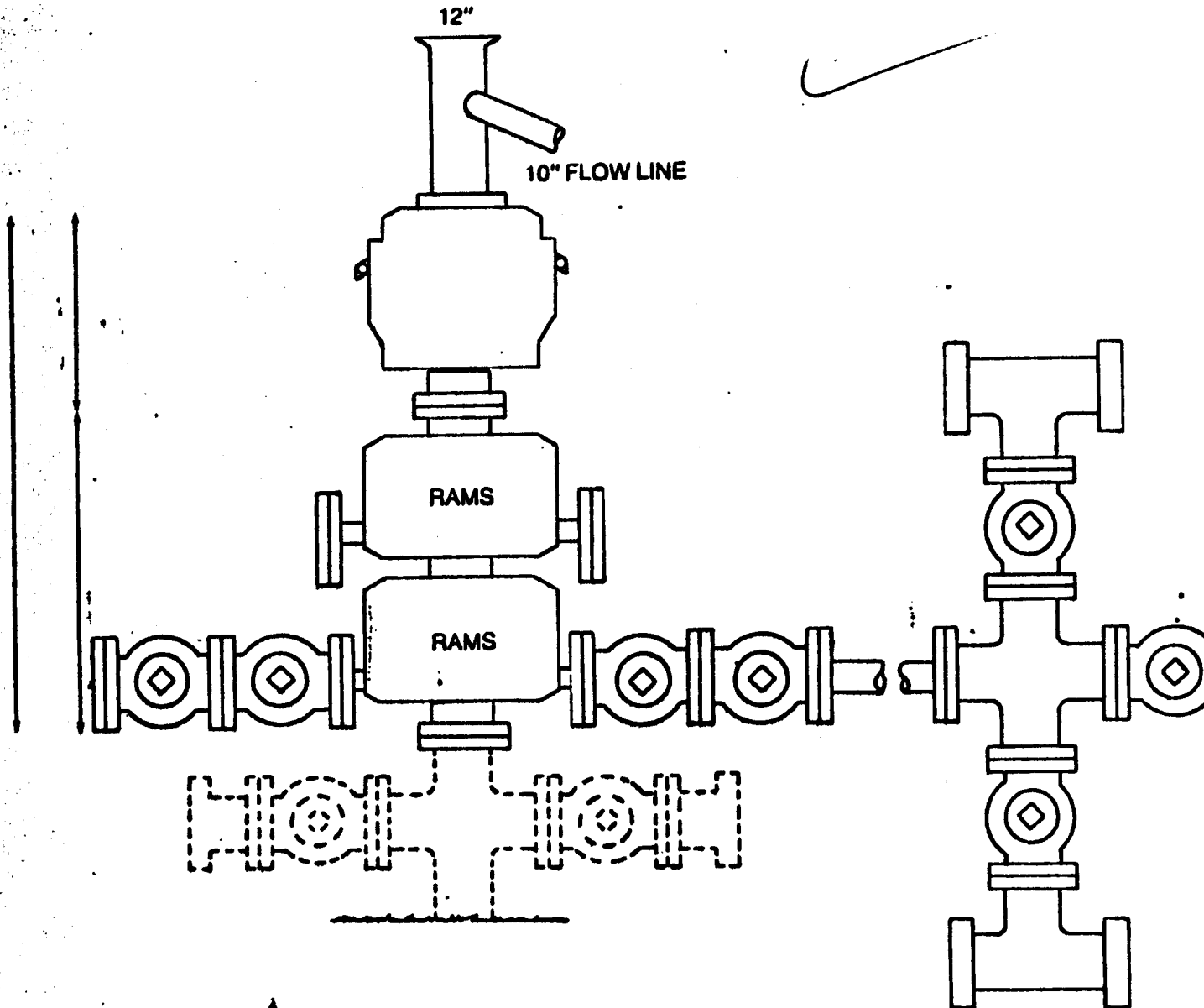
Ten Point Operations Plan
Page 2

string to the surface. Logs to be run will include dual induction, density and cement bond logs.

9. It is not anticipated that any pressures, temperatures or hazardous gases will be encountered at this location. If any were encountered, they could be controlled by the BOP.
10. Anticipated starting date is July 25, 1981. Duration of operations should be no more than 24 days maximum.

BOP AND CHOKE MANIFOLD

 **CRC COLORADO WELL, INC.**
2603 East Main • Rangely, Colorado 81648



SERIES 10" X 3000 with positive and adjustable choke

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26099

2728 LARRODO DRIVE
FORT WORTH, TEXAS 76106

MULTI-POINT SURFACE USE PLAN

INDIAN CREEK UNIT-WELL NO. 14176

1. **EXISTING ROADS** Please refer to Map No. 1 which shows the existing roads. The existing road on Map No. 1 is Forest Route No. 040. It consists of some gravel and some sandy soil as a construction material. It will need to be widened just north of the coal mine operated by Utah Power and Light Company. The road in this area has been partially covered up on the up hill side. The road will be widened to its original size. In the event of production, existing roads will be maintained according to the type of vehicles that will be used. No oil production is anticipated, therefore we expect to have only four-wheel drive or small size vehicles using the road once or twice a week during production. Pit run gravel will be used according to Forest Service requirements (6" thick) where it is deemed necessary. All roads will be graded periodically during the duration of this project and in conjunction with Utah Power and Light Company. In the event of a dry hole, the existing roads will be left in as near a condition as possible in which they were found, except where they have been improved. It will take 15 loads to move the rig in and 15 loads to move the rig out.
2. **PLANNED ACCESS ROADS** Please refer to Map No. 1. The terrain at the wellsite is between 0-5% grade. Any new road will be consistent with the grade of the local terrain if possible. The road surface will not exceed 20' in width. A culvert will be placed at the point of crossing of Cottonwood Creek. The point of crossing shall be determined during the field inspection with the USFS. No turn-outs will be necessary. The drainage design will be adequate to prevent any soil erosion and will consist of 3:1 ditches and possible water bars. There will be no major cuts or fills except where the road crosses Cottonwood Creek. No gates, cattle guards or fence cuts will be necessary on the planned access road. The surfacing material for the planned access road will be 6" of pit run gravel, which will be brought by truck from off the forest boundary. This road will be center line flagged for convenience.
3. **LOCATION OF EXISTING WELLS** Please refer to Map No. 2. There are no water wells within a two mile radius of location. There are no abandoned wells within a two mile radius of location. There are no temporarily abandoned wells within a two mile radius of location. There are no disposal wells within a two mile radius of location. There are no drilling wells within a two mile radius of location. There are no producing wells within a two mile radius of location. There are no shut-in wells within a two mile radius of location.

There are no injection wells within a two mile radius of location. There are no monitoring or observation wells for other resources within a two mile radius of location.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES There are no tank batteries within a one mile radius of location. There are no production facilities within a one mile radius of location. There are no oil gathering lines within a one mile radius of location. There are no gas gathering lines within a one mile radius of location. There are no injection lines within a one mile radius of location. There are no disposal lines within a one mile radius of location. In the event of production of gas, we would propose to lay a gas gathering line as shown on Map No. 1 attached hereto. We do not feel it necessary to go to the expense of having this proposed gas line surveyed unless production is secured. In the event condensate is produced in conjunction with the gas, a 250-300 barrel tank battery would be placed at the wellsite. A separator would also be placed at the wellsite. The location production equipment will be painted according to Forest Service requirements. It is proposed that the gas gathering line would not be buried, allowing for easy removal upon completion of production. The gas line would be buried near roads. The flow line route will be flagged on the ground as required. The location will not exceed 300' square as shown on the attached Plat No. 1. Construction methods and materials will be based on Forest Service regulations, meaning we will use 12 inches of pit run gravel on the location. Cuts and fills will be made as shown on Plat No. 1. The location will be fenced during drilling operations as will any production facilities. Plans for rehabilitation of disturbed areas no longer needed will include filling and releveling all pits when fluids have had adequate time to dry. These areas will be reseeded according to Forest Service requirements.
5. LOCATION AND TYPE OF WATER SUPPLY Due to the fact we will be drilling with air, water usage will be limited. Any water used would be brought by truck or pumped through a plastic hose from Cottonwood Creek. We are in the process of acquiring permission or authorization to use this water from the local irrigation co-op and therefore cannot furnish such at this time. No water wells are to be drilled upon this location.
6. SOURCE OF CONSTRUCTION MATERIALS Pit run gravel will be used to build the location and the entrance to the location. Pit run gravel will be placed on the existing road to a depth of 6" in places where it is needed. The planned new access road, the existing road and the location will be built with pit run gravel that will be brought by truck from sources off the Forest Service property. The gravel will not be brought from either Federal or Indian land. All gravel will be brought to location via the access roads marked on Map No. 1 attached hereto. No other Federal or Indian lands will be used.

7. **METHODS FOR HANDLING WASTE-DISPOSAL** All cuttings, drilling fluids and produced fluids will be placed in the blow pit during drilling operations. All trash will be kept in a fenced pit and removed from the forest periodically. No trash will be left or buried at the location. A port-a-potty will be provided for human waste. The port-a-potty will be removed from the location upon completion of drilling operations. The well site area will be cleaned to the best of our ability once the drilling rig moves out. If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainage; all earthen pits will be so constructed as to prevent leakage from occurring.
8. **ANCILLIARY FACILITIES** No camps or airstrips will be associated with this project except for a small house trailer to be used by drilling and geological consultants.
9. **WELL SITE LAYOUT** Please refer to Plat No. 1. A cross section of the drill pad is not necessary due to the fact the location is on a relatively flat area. The cuts and fills will be minor but are shown on Plat No. 1. All mud tanks, reserve, burn and trash pits, pipe racks, living facilities, and soil material stockpiles will be located as shown on Plat No. 1. Rig orientation, parking areas and access roads will be located as shown on Plat No. 1. All earthen pits will be lined with a polyurethane liner.
10. **PLAN FOR RESTORATION OF SURFACE** After completion of the proposed project, the location will be returned to as near a condition as which it was found. All pits will be backfilled as soon as possible. No contouring will be necessary due to the flat terrain and the fact that it detracts from the natural beauty of the forest. Fluids that will not dry will be removed from the forest. All polluting substances or contaminated materials, such as oil, oil saturated soils, and gravels, will be buried with a minimum of two feet of clean soil as cover or be removed from the forest. Drainage will be reestablished to prevent erosion to the site until vegetation is established. Reseeding operations will be carried out according to Forest Service regulations. Reseeding will be performed as soon as the surface can be made ready. All pits will be fenced until they are ready to be leveled and filled. Any oil left on the pit will be removed from the forest. All rehabilitation operations should be completed within 60 days after the completion of operations, weather permitting.
11. **OTHER INFORMATION** The terrain is a canyon with some open sagebrush flats containing many rocks and some gullies. There is a scattering of timber. Deer and elk have been known to use this area during certain months of the year. Other animals such as rabbits, ground squirrels, mice, cougars and eagles are also present in the general area. The area is used during the summer months by campers and sightseers. For archeological information, please see attached Report No. 1. The soil at the well site is derived from limestone and sandstone. The surface

MULTI-POINT SURFACE USE PLAN

Page 4

of all involved lands is Manti La Sal Forest lands. There is some hunting activity in the area during certain times of the year. The closest body of water is Joe's Valley Reservoir, several miles from this location. The closest stream would be Cottonwood Creek to the West, less than 1/2 mile from the location. There are no known occupied dwellings within a 2 mile radius of location, however there is a coal mine in operation South of this location about 3 miles.

12. OPERATOR'S REPRESENTATIVES

Jim Davis
c/o Village Inn Motel
Castledale, Utah 84513
(801) 748-2309

and

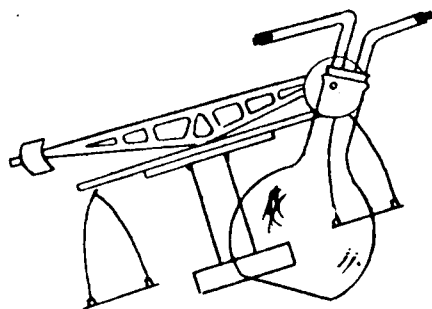
H. E. Patterson
P.O. Box 26089
Fort Worth, Texas 76116
(817) 244-4201

13. CERTIFICATION I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Vortt Exploration Company, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.



H. E. Patterson
Land Manager

HEP/ck



Ford Chemical

LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 09/29/81

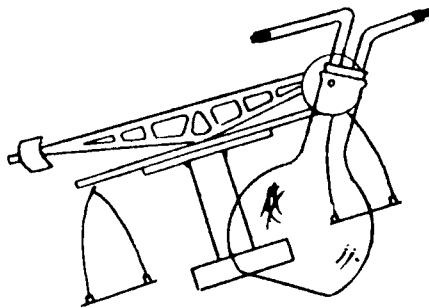
CERTIFICATE OF ANALYSIS

VORTT EXPLORATION
P.O. BOX 26089
FORT WORTH, TEXAS
76116

81-007294

SAMPLE: WATER SAMPLE RECEIVED 9-16-81 FOR COMPLETE ANALYSIS.

Alkalinity as CaCO ₃ mg/l	260.00	Ammonia as NH ₃ -N mg/l	<.01
Arsenic as As mg/l	<.001	Barium as Ba mg/l	.063
Bicarbonate as HCO ₃ mg/l	317.20	Boron as B mg/l	.010
Cadmium as Cd mg/l	<.001	Calcium as Ca mg/l	51.20
Carbonate as CO ₃ mg/l	<.01	Chloride as Cl mg/l	14.00
Chromium as Cr (Hex.) mg/l	<.001	Chromium as Cr (Tot) mg/l	<.001
Conductivity umhos/cm	560	Copper as Cu mg/l	<.001
Fluoride as F mg/l	.35	Hardness as CaCO ₃ mg/l	268
Hydroxide as OH mg/l	<.01	Iron as Fe (Dissolved) mg/l	.118
Iron as Fe (Total) mg/l	.165	Lead as Pb mg/l	<.001
Magnesium as Mg mg/l	33.60	Manganese as Mn mg/l	.020
Mercury as Hg mg/l	<.00020	Nickel as Ni mg/l	.005
Nitrate as NO ₃ -N mg/l	<.01	Nitrite as NO ₂ -N mg/l	<.01
Phosphate PO ₄ -P Ortho mg/l	.015	Potassium as K mg/l	5.90
Selenium as Se mg/l	<.001	Silica as SiO ₂ Diss. Mg/l	10.00



Ford Chemical

LABORATORY, INC.

Bacteriological and Chemical Analysis

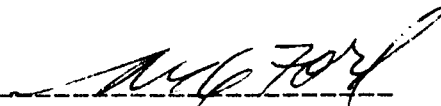
40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

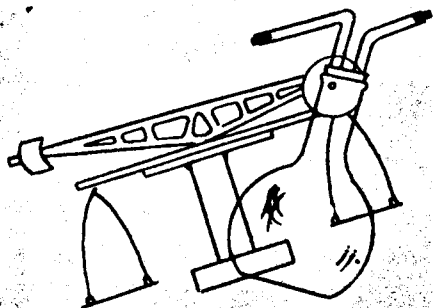
PAGE: 2

CERTIFICATE OF ANALYSIS

Silver as Ag mg/l	<.001	Sodium as Na mg/l	36.80
Sulfate as SO ₄ mg/l	68.0	Total Diss. Solids Mg/l	365
Turbidity NTU	11.00	Zinc as Zn mg/l	.010
PH Units	7.80		


FORD CHEMICAL LABORATORY, INC.

INDIAN CREEK 14176 #1
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14 T17S, R6E County Emery
Sample taken at 370 feet.



Ford Chemical

LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 09/29/81

CERTIFICATE OF ANALYSIS

81-007294-01

FORD CHEMICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (1) RESULTS

CATIONS

	mg/l	meq/l
Calcium as Ca mg/l	51.200	2.555
Magnesium as Mg mg/l	33.600	2.764
Iron as Fe (Dissolved) mg/l	.118	.004
Sodium as Na mg/l	36.800	1.601
Potassium as K mg/l	5.900	.151

ANIONS

	mg/l	meq/l
Carbonate as CO ₃ mg/l	.000	.000
Bicarbonate as HCO ₃ mg/l	317.200	5.202
Sulfate as SO ₄ mg/l	68.000	1.416
Chloride as Cl mg/l	14.000	.395
Nitrate as NO ₃ -N mg/l	.000	.000

BALANCE INFORMATION

CATIONS:	7.075
ANIONS:	7.013
TOTAL:	14.088
DIFFERENCE:	.062
SIGMA:	.004

** FILE NOTATIONS **

DATE: October 15, 1981

OPERATOR: Voritt Exploration Company, Inc.

WELL NO: Indian Creek, 14176 #1

Location: Sec. 14 T. 17S R. 6E County: Emery

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-015-30091

CHECKED BY:

Petroleum Engineer: W.S. Minder 10-15-81

Director: _____

Administrative Aide: Unit Well, ok on boundaries

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

October 19, 1981

Vortt Exploration Company, Inc.
P. O. Box 26089
Fort Worth, Texas 76116

RE: Well No. Indian Creek 14176 #1,
Sec. 14, T. 17S, R. 6E,
Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

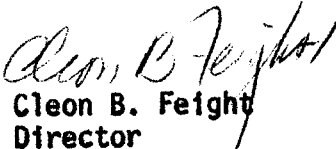
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30091.

Sincerely

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director

CBF/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR

Vortt Exploration Company, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 26089, Fort Worth, TX 76116

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 3386.96' FSL & 1766.84' FEL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☒

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other)

5. LEASE
U-15202

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Indian Creek

8. FARM OR LEASE NAME
14176

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T17S, R6E, SLB & M

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. API NO.
43-015-30091

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL 8000' DF 8010' KDB 8012'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This hole was drilled to a TD of 5774' (by drillers measurements) on 10-04-81. While running a Totco, the pipe got stuck in the hole. From 10-04-81 until 11-11-81, attempts were made to recover all of the drill pipe and drill collars in the hole. All attempts failed. It is now proposed that we back the drill collars off at top of the 5th collar off bottom (5678' by Schlumberger TDT Log measurements) and run 4½" 9.5# csg. back to this point and screw into drill collars for attempted completion in the Ferron Sand. The top of the Ferron in this well was drilled at 5598'. It is also proposed that a block squeeze be done on the bottom 3 drill collars and then a regular squeeze be done through the 4th collar off bottom to insure a good cement job.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Howard Rubner TITLE Prod. Manager DATE November 12, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

December 22, 1981

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76116

RECEIVED
DEC 28 1981

DIVISION OF
OIL, GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon Feight

Re: Operations report for
Indian Creek wells 02176 and
14176 - Emery County, Utah

Dear Mr. Feight:

Enclosed please find copies of Form 9-331, for the above
referenced wells, as filed with the U. S. G. S. Conservation
Division.

It is our understanding the original filings did not reach
your office; hopefully these will.

Sincerely,

VORTT EXPLORATION COMPANY, INC.

Howard L. Wagner
HOWARD L. WAGNER
Production Manager

HLW:lc

Enclosures



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 10, 1982

Vortt Exploration
P. O. Box 26089
2728 Laredo Drive
Fort Worth, Texas 76116

Re: Well No. Indian Creek 14176 #1
Sec. 14, T. 17S, R. 9E.
Emery County, Utah
(December 1981- February 1982)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. Thsi report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

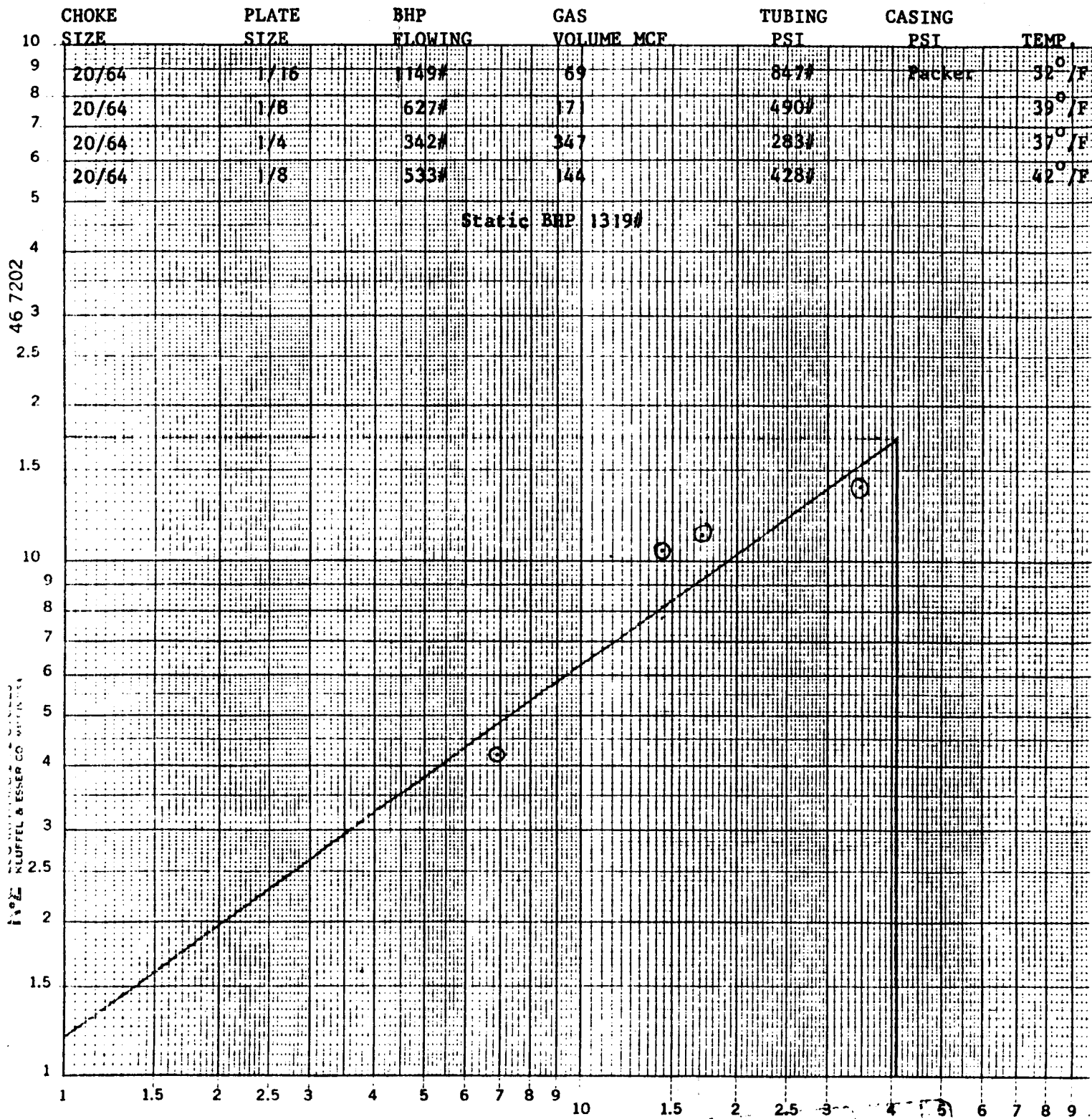
Very truly yours,

DIVISION OF OIL, GAS AND MINING

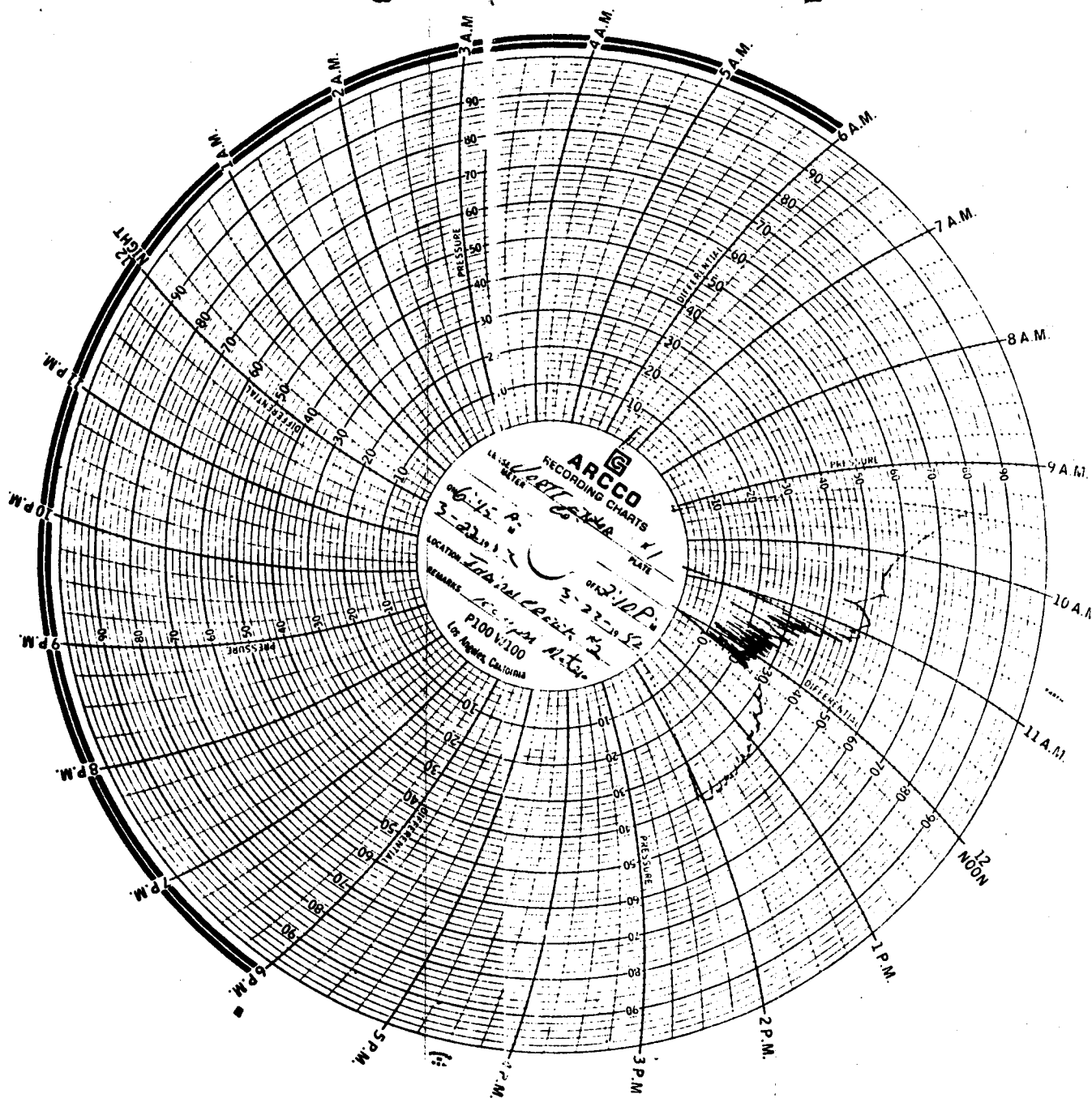
Cari Furse
Clerk Typist

NAME OF COMPANY - Vortt Exploration Co.
 WELL NAME - Indian Creek 14-176-1
 FIELD - Orange Ville
 COUNTY & STATE - Emery, Utah
 DATE - March 19, 1982

Gas gravity.700
 Type Equipment used
 Critical flow prover



Flow Rate MCF Per Day
 Absolute open flow 410 MCF



VORTT EXPLORATION COMPANY, INC.

OIL AND GAS

(817) 244-4201
P. O. Box 26089

2728 LAREDO DRIVE
FORT WORTH, TEXAS 76116

April 23, 1982

STATE OF UTAH
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Completion Report
Indian Creek Unit 14176
#43-015-30091
Emery County, Utah

Gentlemen:

Enclosed kindly find duplicate completion reports covering the above referenced well, along with complete 4pt. test charts, TDT Log, and Dual Induction/Gamma Ray Log.

Please do not hesitate to contact me if I may furnish you with any further information,

Yours very truly,

VORTT EXPLORATION COMPANY, INC.



Georgia H. Vandervoort
Vice-President, Land

GHV/mh
Encl. as stated

RECEIVED

MAY 14 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
VORTI EXPLORATION COMPANY, INC.						Indian Creek Unit	
3. ADDRESS OF OPERATOR						8. FARM OR LEASE NAME	
P. O. Box 26089, Fort Worth, Texas 76116						14176	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. WELL NO.	
At surface 3386.96' FSL & 1766.84' FEL						#1	
At top prod. interval reported below same						10. FIELD AND POOL, OR WILDCAT	
At total depth same						Wildcat	
14. PERMIT NO.						15. STATE	
43-015-30091						Utah	
DATE ISSUED						12. COUNTY OR PARISH	
10-19-81						Emery	
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
8-27-81		10-04-81		03-24-82		8000' GL-8012' KB*	
19. ELEV. Casinghead		20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
8002'		5774'		5774'		0	
23. INTERVALS DRILLED BY						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
0-5774'						5668-5684 2 SPF-33 holes-Ferron	
25. WAS DIRECTIONAL SURVEY MADE						26. TYPE ELECTRIC AND OTHER LOGS RUN	
No						Dual Ind/Gamma Ray, TDT, CBL	
27. WAS WELL CORED						28. CASING RECORD (Report all strings set in well)	
No							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
10 3/4"		33#/ft		277 ft.		14 3/4"	
4 1/2		10.5/ft		5602 ft.		6 1/2"	
4 3/4 DC		45#/ft		5774 ft.		6 1/2"	
CEMENTING RECORD		AMOUNT PULLED		29. LINER RECORD		30. TUBING RECORD	
Circulated 350 sks.		None		SIZE		SIZE	
100 sks. Class H		None		DEPTH SET (MD)		DEPTH SET (MD)	
150 sks. 50/50 Pozmix		None		PACKER SET (MD)		PACKER SET (MD)	
				2 3/8"		5522	
						5526	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5740-5744 For Circulation/Pos. Recovery						DEPTH INTERVAL (MD)	
5700-5701 Squeeze						5701-5700	
5663-5664 1/2 Squeeze						5664 1/2-5663	
5668-5684 2 SPF/33 holes-Production						5668-5684	
						AMOUNT AND KIND OF MATERIAL USED	
						Squeeze 150 sks 50/50 Pozmix	
						Squeeze 100 sks Class H	
						Frac 4524 Gal/Apollo + 45 Tons	
						CO2 + 47,000 lbs. Sand	
33. PRODUCTION						34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
WOPL		Flowing				S. I.	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
3-19-82		8 hrs.		20/64		OIL—BBL. Tr.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		GAS—MCF. 117	
283		Packer		Tr.		WATER—BBL. 0	
						GAS-OIL RATIO Dry	
						OIL GRAVITY-API (CORR.) na	
35. LIST OF ATTACHMENTS						TEST WITNESSED BY	
Complete 4 pt. Test with Charts, TDT Log, Dual Induction/Gamma Ray						Jim Davis	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						DATE	
VORTI EXPLORATION COMPANY, INC.						4-23-82	
SIGNED _____						DATE	
President							

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ferron Sd.	5596	5684	Sand with Porous Streaks - Gas Zone of Completion 5668-5684	1st Black Hawk Star Point Upper Marcos Emery Middle Marcos Ferron	320 672 1166 2248 3676 5596	same " " " " "



PRODUCTION ENGINEERING
STERLING, COLORADO

Name of Company VORTT EXPLORATION CO.

Field Orange Ville

County & State Emery, Utah

Lease & Well No. Indian Creek 2-14-176-1

Elevation _____

Survey Datum- _____ Ft. or _____ Ft.

Type Survey _____

Date of Survey March 22-23, 1982

BH Temp. 118 °F at 5665 ft.

Well Shut In 2:00P. M. 3-22 19 82

Bomb On Bottom 4:00 P. M. 3-22 19 82

BOMB NO. _____ CALIB NO. _____

_____ HRS. = _____ INCHES

FLOWING				
DEPTH	DEFLECT	PRESSURE (PSIG)	PRESSURE DIFFERENCE	PSIG/FT. GRADIENT

STATIC				
DEPTH	DEFLECT	PRESSURE (PSIG)	PRESSURE DIFFERENCE	PSIG/FT. GRADIENT

BUILDUP					
PT. NO.	PRES. DEF.	PRES. (PSIG)	TIME	TBG. PRES.	CSG. PRES.
1	est.	730	0		
2	0.329	1035	2 hr.	756	0
3	0.340	1069	3 "		
4	0.346	1088	4 "		
5	0.350	1101	5 "		
6	0.354	1114	6 "		
7	0.357	1123	8 "		
8	0.359	1129	10 "		
9	0.360	1133	12 "		
10	0.361	1136	14 "		
11	0.362	1139	16 "		
12	0.362	1139	18 "		
13	0.363	1142	20 "		
14	0.363	1142	22 "		
15	0.364	1145	24 "		

BUILDUP					
PT. NO.	PRES. DEF.	PRES. (PSIG)	TIME	TBG. PRES.	CSG. PRES.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Indian Creek 14176 #1
Operator Vortt Exploration Co., Inc. Address P. O. Box 26089, Fort Worth, TX 76116
Contractor Laredo Mfg. Co. #8 Address Duchesne, Utah
Location SW 1/4 NE 1/4 Sec. 14 T: 17S R. 6E County Emery

Water Sands

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
	From To	Flow Rate or Head	Fresh or Salty
1.	370 - 382	600 BPH	Fresh
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops Lower Blackhawk
Starpoint 404

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 6, 1982

Vortt Exploration Company
P. O. Box 26089
2728 Laredo Drive
Fort Worth, Texas 76116

Re: Well No. Indian Creek 14176 #1
Sec. 14, T. 17S, R. 9E.
Emery County, Utah
(March- April 1982)
FINAL NOTICE

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

** If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas, and Mining for legal action.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Felght, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 6, 1982

Vortt Exploration Company
P. O. Box 26089
2728 Laredo Drive
Fort Worth, Texas 76116

Re: Well No. Indian Creek 14176 #1
Sec. 14, T. 17S, R. 9E.
Emery County, Utah
(March- April 1982)
FINAL NOTICE

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

** If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas, and Mining for legal action.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

*This letter
was sent to
Tipperary Oil*

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED

AUG 08 1986

RULE I-9

NOTICE OF TRANSFER OF OWNERSHIP

DIVISION OF OIL
GAS & MINING
081906Classification of Well Transferred: Gas Well ☒ Disposal Well ☐ Enhanced Recovery Injection Well ☐Name of Present Operator Vortt Exploration Company, Inc.Address P. O. Box 26089, Ft. Worth, TX 76116

Well Being Transferred:

Name: Indian Creek 14176 4301530091Location: Sec. 14 SW/4 Twp. 17S Rng. 6E County Emery
NE/4Order No. Authorizing Injection N/A Date _____Zone Injected Into: N/AEffective Date of Transfer February 1, 1986

Signature _____

Date _____

Name of New Operator Southland Royalty CompanyAddress P.O. Box 1855, Billings, MT 59103-1855W. L. Brown
Signature of New Operator PRODUCTION SUPERINTENDENTAugust 6, 1986
Date

FOR DOGM USE ONLY

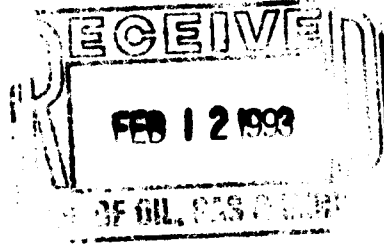
It is acknowledged by the Division of Oil, Gas, and Mining that _____
is the new operator of the above-named well and may:

1. continue to inject fluids as authorized by Order No. _____
2. not inject fluids until after Notice, Hearing, and Approval by the Division

Signature _____ Date _____

MERIDIAN OIL

February 9, 1993



State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Don Staley - Administrative Manager, Oil and Gas

Dear Mr. Staley:

Enclosed please find the Annual Status Report of Shut-in wells as follows:

Indian Creek Unit 14176 #2
Navajo Federal 43-5
Navajo Federal 41-5
Hatch Point Federal 27-1A

43-015-30091
Sec. 14 176, 61E

If you require any further information, please call me at (303) 930-9435.

Sincerely,

Genny Natvig
Operations Assistant

cc: Maralene Spawn

Enc.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

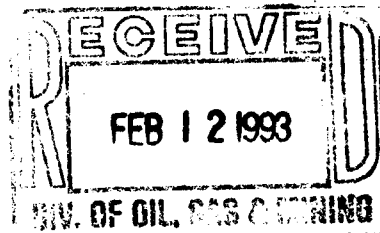
SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. UTU15202	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Southland Royalty Company c/o Meridian Oil Inc.		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 5613 DTC Parkway, Englewood, CO 80111		8. FARM OR LEASE NAME Indian Creek Unit ¹⁴¹⁷⁶	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone SWNE, 3387' FSL & 1767' FEL		9. WELL NO. #2 # /	
14. API NO. 43-015-30091		15. ELEVATIONS (Show whether DF, RT, GR, etc.)	
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data Annual Status Report		10. FIELD AND POOL, OR WILDCAT Ferron	
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> (Other) <input type="checkbox"/>		SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (Other) <u>Annual Status Report</u> <input checked="" type="checkbox"/>	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

ANNUAL STATUS REPORT

Well Shut-in 3/1/89 - Uneconomical



18. I hereby certify that the foregoing is true and correct

SIGNED Genevieve Natvig

TITLE Operations Assistant

DATE February 9, 1993

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

MERIDIAN OIL

February 8, 1996

State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

FEB 9 1996

Re: Change of Operator

Gentlemen:

Enclosed please find copies of the Change of Operator sundries that were filed with the Bureau of Land Management, Moab, Utah for the following:

<u>Well Name</u>	<u>Location</u>	<u>API #</u>	<u>County</u>
Indian Creek #1	SWNW 2-T17S-R6E	43-015-30082	Emery
Indian Creek #3	SWSW 2-T17S-R6E	43-015-30175	Emery
Indian Creek #5	SENE 10-T17S-R6E	43-015-30117	Emery
#14176 #1 - Indian Creek #2	SWNE 14-T17S-R6E	43-015-30091	Emery
E. Canyon Unit #3	NWSE 18-T16S-R25E	43-019-16203	Grand

If you should have any questions, please contact the undersigned at (303) 930-9407.

Sincerely,

MERIDIAN OIL, INC.

Georganne Mitchell
Georganne Mitchell
Regulatory Assistant

CDH/

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MERIDIAN OIL INC.

3. Address and Telephone No.

(303)930-9393

5613 DTC PARKWAY, STE. 1000, P.O. BOX 3209, ENGLEWOOD, CO 80155-3209

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

3387' FSL, 1767' FEL

SWNE SEC. 14-T17S-R6E

5. Lease Designation and Serial No.

FEDERAL

UTU15202

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

1 INDIAN CREEK 1426 (#2)

9. API Well No.

43-015-3009100

10. Field and Pool, or Exploratory Area

FERRON/FERRON

11. County or Parish, State

EMERY, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF
OPERATOR/SELF
CERTIFICATION

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DUE TO A COMPANY CONSOLIDATION EFFECTIVE 1/2/96, PLEASE BE ADVISED MERIDIAN OIL INC. IS CONSIDERED TO BE THE OPERATOR OF 1 INDIAN CREEK; SWNE SECTION 14-T17S-R6E; LEASE UTU15202; EMERY COUNTY, UTAH. AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED UPON THE LEASED LANDS. BOND COVERAGE IS PROVIDED BY NATIONWIDE BOND MT-0719. SOUTHLAND ROYALTY CO. WAS THE PRIOR OPERATOR OF RECORD.

FEB 9 1996

14. I hereby certify that the foregoing is true and correct.

Signed

EILEEN DANNI DEY

REGULATORY COMPLIANCE ADMINISTRATOR

Date 1/18/96

(This space for Federal or State office use)

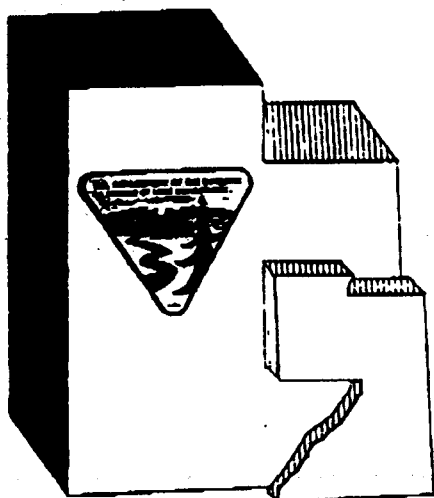
Approved By

Title

Date

Condition of Approval, If any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.



**FAX TRANSMITTAL
MOAB DISTRICT OFFICE**

TO: Lisha

FROM: Nelson

SUBJECT: Designation of operator
by the lessees of Record title owners.

NUMBER OF PAGES: 12
(Including Cover Sheet)

DATE: 2/16/96

TIME: 4 P.M.

FAX MACHINE NO.: _____

COMMENTS:

Form 9-1193

(Submit in Triplicate)

MINUTELY, CAREFULLY

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.

ADDRESS: 5613 D.T.C. Parkway, 10th Floor
Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6ESec. 12: E $\frac{1}{2}$

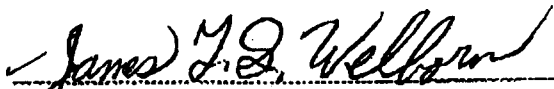
Sec. 13: All

Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

JAMES T. S. WELBORN, TRUSTEE of the
ANNA MAE WELBORN TRUST

1500 Broadway, Suite 1212, Lubbock, TX 79401

✓ 7/23/97
(Date)

(Address)

Form 9-1173

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL No.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.

ADDRESS: 5613 D.T.C. Parkway, 10th Floor

Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6ESec. 12: E $\frac{1}{2}$

Sec. 13: All

Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

VORTT EXPLORATION COMPANY, INC.



(Signature of Lessee)P. O. Box 26089
Fort Worth, TX 76116

(Address)7-22-87

(Date)

Form 9-1123

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.

ADDRESS: 5613 D.T.C. Parkway, 10th Floor

Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6ESec. 12: E $\frac{1}{2}$

Sec. 13: All

Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.



(Signature of lessee)

J. M. WELBORN, Individually & as Trustee
for the ANNA MAE WELBORN TRUST

1500 Broadway, Suite 1212

Lubbock, TX (Address)

79401

7/22/87

(Date)

Form 9-1123

UNRECORDED COPIES

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH
SERIAL No.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.
ADDRESS: 5613 D.T.C. Parkway, 10th Floor
Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6E

Sec. 12: E $\frac{1}{2}$

Sec. 13: All

Sec. 14: Lots 1-4, NE $\frac{1}{4}$, SE $\frac{1}{4}$

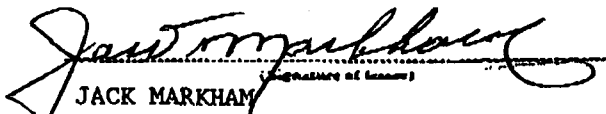
Sec. 15: Lots 1-12, NE $\frac{1}{4}$

Sec. 17: E $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.


JACK MARKHAM
1500 Broadway, Suite 1212
Lubbock, TX 79401

7/22/87

(Date)

(Address)

Form 9-1123

MINUTEMAN, CORP.

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.

ADDRESS: 5613 D.T.C. Parkway, 10th Floor
Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6ESec. 12: E $\frac{1}{2}$

Sec. 13: All

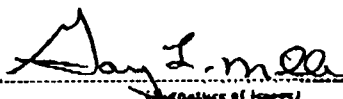
Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

ENTERPRISE GAS COMPANY


(Signature of lessee)P. O. Box 4324
Houston, TX 77210July 21, 1987
(Date)

(Address)

Form 3160-8
(November 1983)
(Formerly 9-1123)

(Submit in triplicate to appropriate
BLM District Office)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Utah
SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.
ADDRESS: 5613 DTC Parkway
Englewood, CO 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

T17S-R6E, SLM
Sec. 12: E/2
Sec. 13: A11
Sec. 14: Lots 1-4, N/2, SE/4
Sec. 15: Lots 1-12, NE/4
Sec. 17: E/2

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

SOUTHLAND ROYALTY COMPANY



(Signature of lessee)

Ivan E. Kercher, Attorney-in-fact
5613 DTC Parkway
Englewood, CO 80111

July 17, 1987

(Date)

(Address)

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and thereto does not require OMB approval.

Form 9-1123

MINERAL, OIL, AND GAS

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.

ADDRESS: 5613 D.T.C. Parkway, 10th Floor
Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6ESec. 12: E $\frac{1}{2}$

Sec. 13: All

Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

UTAH OIL & GAS PARTNERSHIP

Donnell, Sec/Treas.

Dairy Queens of West Texas, Inc.

~~Dairy Queens of Taylor County, Inc.~~
(Signature of lessee)

July 17, 1987

(Date)

P. O. Box 2107

Fort Worth, TX 76101

(Address)

Form 9-1123

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL No.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.

ADDRESS: 5613 D.T.C. Parkway, 10th Floor
Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6ESec. 12: E $\frac{1}{2}$

Sec. 13: All

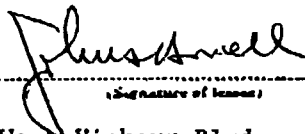
Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

HAO OIL & GAS, a Texas Joint Venture



(Signature of lessee)3450 West Vickery Blvd.
Fort Worth, TX 76107_____
(Address)July 17, 1987

(Date)

Form 3160-8
(November 1983)
(Formerly 9-1123)

(Submit in triplicate to appropriate
BLM District Office)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Utah
SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.
ADDRESS: 5613 DTC Parkway
Englewood, CO 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

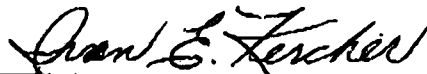
T17S-R6E, SLM
Sec. 12: E/2
Sec. 13: A11
Sec. 14: Lots 1-4, N/2, SE/4
Sec. 15: Lots 1-12, NE/4
Sec. 17: E/2

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

MERIDIAN OIL PRODUCTION INC.



(Signature of lessee)

Ivan E. Kercher, Attorney-in-fact
5613 DTC Parkway
Englewood, CO 80111

(Address)

July 17, 1987

(Date)

Form 9-1123

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH
SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.
ADDRESS: 5613 D.T.C. Parkway, 10th Floor
Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

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Sec. 13: All

Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

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In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.



(Signature of lessee)

ROD A. MARKHAM
1500 Broadway, Suite 1212
Lubbock, TX 79401

(Address)

7/16/87

(Date)

Form 9-1153

MINUTES, COPEN

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL NO.: U-15202

and hereby designates

NAME: MERIDIAN OIL INC.

ADDRESS: 5613 D.T.C. Parkway, 10th Floor
Englewood, Colorado 80111

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T17S-R6ESec. 12: E $\frac{1}{2}$

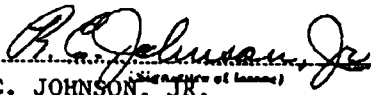
Sec. 13: All

Sec. 14: Lots 1-4, N $\frac{1}{2}$, SE $\frac{1}{4}$ Sec. 15: Lots 1-12, NE $\frac{1}{4}$ Sec. 17: E $\frac{1}{2}$

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In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.


R. C. JOHNSON, JR.
1500 Broadway, Suite 1300
Lubbock, TX 79401

7-13-87

(Date)

(Address)

UNITED STATES
DEPARTMENT OF THE INTERIOR FEB 9 1996
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

SOUTHLAND ROYALTY CO.

3. Address and Telephone No.

(303)930-9393

5613 DTC Parkway, Ste. 1000, P.O. Box 3209, Englewood, CO 80155-3209

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

3387' FSL, 1767' FEL (SW NE) Sec. 14-T17S-R6E

5. Lease Designation and Serial No.

UTU15202

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

1 INDIAN CREEK

9. API Well No.

43-015-3009100

10. Field and Pool, or Exploratory Area

FERRON/FERRON

11. County or Parish, State

EMERY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other **Change of Operator**

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective 1/2/96, please be advised that Southland Royalty Co. is no longer the operator of the subject well. The new operator is considered to be Meridian Oil, Inc. and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

14. I hereby certify that the foregoing is true and correct.

Signed Eileen Danni Dey Title Regulatory Compliance Administrator Date February 16, 1996
Eileen Danni Dey

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Condition of Approval, If any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 26 1996

IN REPLY REFER TO:
3100
SL-071010C et al
(UT-923)

FEB 23 1996

NOTICE

Meridian Oil Inc.	:	Oil and Gas
801 Cherry Street, Suite 200	:	SL-071010C et al
Fort Worth, Texas 76102-6842	:	

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of El Paso Production Company, Meridian Oil Production Inc., and Southland Royalty Company into Meridian Oil Inc. with Meridian Oil Inc. being the surviving entity.

For our purposes, the merger is recognized effective January 4, 1996 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify leases in which the merging entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

The following lease files contain no information that the above entities hold interest in them: U-02981, U-02992, U-02992A, and U-3008A.

All of the entities, including the surviving entity, are covered in their leasing obligations by Nationwide Bond No. 400IA9059 (BLM Bond No. MT0719).

Chief, Branch of Mineral
Leasing Adjudication

Enclosure
Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

SL-071010C	U-04049	U-17024
SL-071595	U-04049A	U-17623
U-0681	U-05059	U-24606
U-0683	U-08107	U-39832
U-0684	U-062420	U-40544 ROW
U-0685	U-8894A	U-45929
U-0719	U-8895A	U-51045
U-0725	U-8897A	U-51046
U-0737	U-15202	U-51047
U-0741	U-15203	U-56932
U-0744	U-15204	U-56933
U-03333	U-16962A	U-56934

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

Routing:	
1-FILE	7-FILM
2-FILE	8-FILE
3-VLD	
4-RJH	
5-FILE	
6-SJ	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-2-96)

TO (new operator) MERIDIAN OIL INC
 (address) PO BOX 3209
ENGLEWOOD CO 80155-3209
GEORGANNE MITCHELL
 phone (303) 930-9300
 account no. N 7230

FROM (former operator) SOUTHLAND ROYALTY CO
 (address) PO BOX 3209
ENGLEWOOD CO 80155-3209
MARALENE SPAWN
 phone (303) 930-9419
 account no. N 0880

***EAST MOUNTAIN UNIT**

Well(s) (attach additional page if needed):

Name: <u>*INDIAN CREEK #1/FRSD</u>	API: <u>43-015-30082</u>	Entity: <u>2585</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>ML27626</u>
Name: <u>*INDIAN CREEK #3/FRSD</u>	API: <u>43-015-30175</u>	Entity: <u>2585</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>U-15204</u>
Name: <u>*INDIAN CREEK #5/FRSD</u>	API: <u>43-015-30117</u>	Entity: <u>2585</u>	Sec <u>10</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>U-15203</u>
✓ Name: <u>INDIAN CREEK #1/FRSD</u>	API: <u>43-015-30091</u>	Entity: <u>10907</u>	Sec <u>14</u> Twp <u>17S</u> Rng <u>6E</u>	Lease Type: <u>U-15202</u>
Name: <u>EAST CYN U 33-18/CDMTN</u>	API: <u>43-019-16203</u>	Entity: <u>9515</u>	Sec <u>18</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-05059</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Rec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 2-16-96) (Rec'd 2-20-96)*
- Rec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-9-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____
- Rec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Rec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-20-96)*
- Rec 6. Cardex file has been updated for each well listed above. *(2-20-96)*
- Rec 7. Well file labels have been updated for each well listed above. *(2-20-96)*
- Rec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-20-96)*
- Rec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (yes) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- Yes 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands Admin. / \$25,000 Statewide* *(Trust will review St. wells assoc. w/meridian and req. increase to 80,000 if applicable)*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Yes 2. Copies of documents have been sent to State Lands for changes involving State leases.
2-21-96 to Mr. Bonner

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: February 28 1996.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

- 960220 Blm/SL Meridian Oper. "E. mtn. Unit" eff. 8/87, P.A. & eff. 10/87.
- Blm/moeb Meridian Oper. #1/43-015-30091 & eff. 7/87.
- Blm/moeb Aprv. 33-18/43-019-116203 29-96.
- * Southland & Meridian never reg. oper. change until now. Southland has reported prod. & disp. to DOGM since 1987 & both operators have reported to mms.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to repair plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:
Meridian Oil, Inc.

3. Address and Telephone Number:
5613 DTC Parkway, Ste. 1000, Englewood, CO 80155

4. Location of Well

Footages: 3387' FSL, 1767' FEL

QQ, Sec., T., R., M.: SWNE Sec. 14-T17S-R6E

5. Lease Designation and Serial Number:

UTU-15202

6. If Indian, Alotsee or Tribe Name:

n/a

7. Unit Agreement Name:

8. Well Name and Number:

Indian Creek #1

9. API Well Number:

43-015-30091

10. Field and Pool, or Wildcat:

Ferron/Ferron

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input checked="" type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion 6 7/16/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached daily report.

13.

Name & Signature:

Brooke S. Bell
Brooke S. Bell

Title: Sr. Reg. Compl. Rep. Date: 3/27/96

(This space for State use only)

J. Matthews

Petroleum Engineer

4/3/96

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

DP No: 19933A **COUNTY:** EMERY
LOCATION: SWNW SEC 2-T17S-R6E
AFE No: Y257 **AFE AMOUNT:**
PROJECT DESCRIPTION: REPAIR CSG

STATE: UTAH
SUPERVISOR: JAMES R. ARMENTROUT
AFE TYPE: 18

DATE: 06/21/94	DAILY COST: \$2,700
DAY NO: 1	TOTAL COST TO DATE: \$2,700

07:00 - 20:30 13.50 SI CSG PRESS OF #500. SI TBG PRESS OF #500. OPERATOR PUT WELL ON LINE TO PULL DWN WELL. CSG AND TBG DWN TO #145. SI WELL. CSG WENT TO #215 IN 7 MIN., TBG GAINED #10. IN ATTEMPTS TO UNLOAD WELL, OPERATOR HAS PUT #750 ON CSG WITH NO FLOW FROM TBG. PUT #750 ON TBG WITH NO FLOW FROM CSG. LARGE AMOUNTS OF SOAP HAVE BEEN ADDED TO WELL WITH NO RESULTS. GRAY MATERIAL ON WELLHEAD FROM LAST TIME WELL WAS ABLE TO BE UNLOADED IS A VERY FINE GRAY POWDER (APPEARS TO ABOUT THE SAME KIND OF GRAY MATERIAL AS WESTSIDE CANAL IN WYOMING) MI 400 BBL TANK AND BOP'S. RIG DWN WITH MULTIPLE BLOW OUTS ON TIRES. RIG ARRIVAL IN PRICE UTAH AT 20:00 HRS. MI RU NEXT AM.

DATE: 06/22/94	DAILY COST: \$3,257
DAY NO: 2	TOTAL COST TO DATE: \$5,957

07:00 - 09:30 2.50 ROAD RIG FROM PRICE, UTAH TO LOCATION.
09:30 - 09:45 0.25 SPOT RIG. WELL FLOWING THRU THE NIGHT AT LESS THAN 10 MCF/D. CSG PRESS- #135. TBG PRESS- #130. SI WELL AT 09:45.
09:45 - 10:30 0.75 RUN HARD LINE TO TANK FROM CSG.
10:30 - 11:15 0.75 OPEN CSG TO TANK. 45 MIN SI- #190. RU RIG. CONTINUE TO VENT CSG.
11:15 - 11:45 0.50 RU SWAB. CSG CONTINUES TO VENT HEAVILY. NO RECORDABLE PRESS. SWAB MANDRIL- 1.8655". SEATING NIPPLE- 1.785". CSG MISTING SOME GRAY FLUID.
11:45 - 13:00 1.25 RIH WITH SWAB, SINGLE CUP. TAG FLUID AT 4000'. 1634' OVER TOP PERFS AT 5634'. MADE 2 RUNS. SWABBED OUT SOME CONDENSATE AND WATER. TBG WENT ON VAC AFTER SWAB RUNS.
13:00 - 14:30 1.50 CALL IN.
14:30 - 18:00 3.50 SWAB WELL. CSG BLOWING HARDER. PULL FROM 5500' TAG SEATING NIPPLE. 1ST RUN TAG 4000'. SI CSG. GRAY FLUID. CATCH SAMPLES. 2ND RUN TAG 4130' CUM BBLS- 3.34. CSG- #40. 3RD RUN TAG 4130' CSG- #90 FLUID VOLUME IN WELL WITH 1504' OVER TOP PERFS- 21.5 BBLS. 4TH RUN TAG 4130' CSG- #212 CUM BBLS- 13.36 5TH RUN TAG 4130' CSG- #260

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

6TH RUN TAG 4130' CSG- #285 CUM BBLs- 18.37
 7TH RUN TAG 4130' CSG- #345
 8TH RUN TAG 4130' CSG- #360 CUM BBLs- 25.05
 3.5 BBLs OVER HOLE VOLUME.
 9TH RUN TAG 4130' CSG- #360
 10TH RUN TAG 4130' CSG- #375 CUM BBLs- 35.07
 VERY LITTLE GAS DURING SWABBING. 35.07 BBLs
 IN 3.5 HRS WITH NO EFFECT ON FLUID LEVEL.
 SIFN. FLUID SAMPLE ON LAST RUN SHOWED SLIGHT
 TRACES OF HEAVIER, LARGER SAND AT THE END OF
 RUN. SIFN.

DATE: 06/23/94	DAILY COST: \$4,706
DAY NO: 3	TOTAL COST TO DATE: \$10,663

07:00 - 11:30	4.50	CSG PRESS- #410, TBG PRESS- #40. RIH AND TAG FLUID AT 4000'. 1634' OF FLUID OVER TOP PERFS. WEIGHED SWAB FLUID- #8.2. HYDROSTATIC HEAD OF #697, PLUS #410 SI PRESS EQUALS BHP OF #1107. MAX PRESS OF WELL ON LAST SHUT IN OF #500, BHP OF #1197. WEIGHED 2% KCL- #8.6. HYDROSTATIC HEAD OF FLUID IN WELL PLUS 1500' OF KCL EQUALS #1368. FUNCTION TEST BOP'S ON GROUND. RU PUMP. DISPLACMENT OF 5560' OF TBG IS 8.9 BBLs. FILL HOLE ON TRIP AT 1 BBL PER 618' (10 STDS) BLOW DWN CSG.
11:30 - 11:45	0.25	PUMP 6 BBLs DWN TBG, 16 BBLs DWN CSG. BOTH ON VAC.
11:45 - 15:00	3.25	NU BOP'S. WELL GASSING IN 15 MIN, BLOWING IN 30 MIN. PUMP 23 BBLs DWN CSG. WELL GASSING IN 10 MIN, NO STRONG BLOW. RU TO TRIP. WELL BLOWING 10' TO 12' GAS COLUMN ABOVE FLOOR IN A MILD WIND. SI. 33 BBLs OF KCL REMAINING IN TANK. SIFN.

DATE: 06/24/94	DAILY COST: \$4,879
DAY NO: 4	TOTAL COST TO DATE: \$15,542

07:00 - 10:45	3.75	UNLOAD KCL, HYDRIL. TBG PRESS- #320, CSG PRESS- #430. BLOW DWN TBG, CSG DROPPED TO #400 AND HELD WHILE RU HYDRIL AND FLOOR. EST 58 BBLs TO CIRC AROUND WITH A 4000' FLUID LEVEL. HOLE VOLUME FROM BOTTOM OF TBG AT 5550' IS 80 BBLs. BLOW DWN CSG. RU TO PUMP DWN TBG. PUMPED 84 BBLs DWN TBG WITH NO CHANGE IN CSG. NO PRESS ON TBG WHILE PUMPING. CSG STILL BLOWING. SHUT DWN PUMP, TBG ON VAC. FOR JUST A FEW MINUTES. PUMP 16 BBLs DWN CSG AND BEGIN PUMPING AT 1/4 BBL/MIN DWN CSG.
10:45 - 11:15	0.50	RU CABLE SPOOL. POUR 5 GALLONS PAINT/DIESEL DWN TBG.
11:15 - 12:45	1.50	TOOH WITH TBG AND INJ. STRING. WELL NOT GASSING. STRG. WEIGHT- #20,000. NO DRAG.

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

12:45 - 15:00	2.25	STRIP ON STRIPPING HEAD. SHUT DWN PUMP. PUMPED A TOTAL OF 112 BBLs. 28 BBLs DURING TRIP OF INJ. LINE. TTH WITH REMAINDER OF TBG. WELL GASSING AT 14:00 HRS.
15:00 - 17:15	2.25	PU 1 JT. AND NOTCHED COLLAR, BAKER MODEL R-3 PACKER, 2' SUB, SEATING NIPPLE, AND 2 NEW JTS.TBG. TIH.PAINT SHOWED NO TBG LEAKS. REPLACED SEATING NIPPLE, BADLY PITTED AND SCRATCHED. BOTTOM 400' OF TBG SHOWING SOME LIGHT TRACES OF WHAT APPEARS TO BE SALT CRYSTALS. TIH TO INJ. MANDREL. PUT NEW STAINLESS 1/4" CHECK VALVE ON INJ MANDREL.
17:15 - 18:00	0.75	BOP'S HAVE SMALL LEAK ON QUICK CONNECTORS ON THE STACK. CHANGE OUT CONNECTORS. SIFN.

DATE:	06/25/94	DAILY COST:	\$5,275
DAY NO:	5	TOTAL COST TO DATE:	\$20,817

07:00 - 08:15	1.25	TBGPRESS- #400, CSG PRESS- #425. PUMP 20 BBLs 2% KCL DWN CSG, THEN 1/4 BBL/MIN. STRIP OFF STRIPPING HEAD. PU CABLE SPOOL. CONNECT INJ. LINE TO INJ. MANDREL.
08:15 - 10:15	2.00	TIH WITH TBG AND INJ. LINE, BANDING - 2 PER JT. PU 1 JT. TAG FILL AT 5655.88'
10:15 - 10:30	0.25	RD FLOOR, ND HYDRIL.
10:30 - 10:50	0.33	SET PACKER WITH #14,000 COMPRESSION. BOTTOM OF TBG AT 5639.87' KB. PACKER AT 5600.67' KB. SEATING NIPPLE AT 5597.47'. TBG 6' INTO PERFS. STRG WEIGHT- #25,000. WEIGHT INDICATOR AT #11,000. SHUT DWN PUMP, CSG ON VAC FOR 2 1/2 MIN.
10:50 - 13:45	2.92	SWABBING. TAG FLUID AT 3500'. TAG SN AT 5600' MADE 3 RUNS. FIRST 2 RUNS WERE DIRTY GRAY FLUID. THIRD RUN DRAGGING COMING OUT. MADE AN EST 1 1/2 GALLONS SAND, 1 GALLON CEDAR LCM. NO PRESS OR GAS FROM CSG. FLUID TAG ALL 3 RUNS AT 3500'. TOTAL LOAD- 190 BBLs.
13:45 - 15:30	1.75	PRESS TEST CSG. ANNULAR VOLUME FOR 5600'- 59 BBLs. PUMPED 70 BBLs, CSG ON VAC. TBG GASSING.
15:30 - 17:00	1.50	CSG ON VAC. TBG- #4. RD FLOOR. NU HYDRIL. RU TO TRIP.
17:00 - 17:30	0.50	BLOW DWN TBG. RELEASE PACKER. TTH WITH TBG AND INJ STRG.
17:30 - 18:30	1.00	SET PACKER AT 4175.50'. PUMP DWN CSG TO TEST. ANNULAR VOLUME 44 BBLs. 35 BBLs AWAY, SEEING PRESS. PUMPED 40 BBLs AWAY, PRESS TO #130. LOST CIRC. ON PUMP, UNABLE TO PULL REMAINING WATER FROM 400 BBL. TANK. SI. PRESS DROPPED TO #110. HELD FOR 20 MIN. TBG GASSING. SIFN.

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

DATE:	06/26/94	DAILY COST:	\$3,498
DAY NO:	6	TOTAL COST TO DATE:	\$24,315

07:00 - 08:45	1.75	CSG PRESS- #35. TBG PRESS- #385. PACKER AT 4175.5' PUMP 5 BBLs TO FINISH FILLING HOLE. TEST TO #1000. BOP'S LEAKING THRU RAMS, DOORS. UNABLE TO SUSTAIN PRESS. RELEASE PACKER. TIH WITH 1 JT. AND 8 STDS.
08:45 - 09:15	0.50	SET PACKER AT 4709.55' ANNULAR VOLUME- 50 BBLs. PUMPED 63 BBLs. CSG ON VAC, TBG GASSING.
09:15 - 09:30	0.25	RELEASE PACKER. PULL UP TO 4461.53' ANNULAR VOLUME- 47 BBLs.
09:30 - 09:45	0.25	PUMP 25 BBLs, HOLE FULL. TEST TO #1000. BOP'S LEAKING.
09:45 - 10:15	0.50	RELEASE PACKER. TRIP TO 4584.08' ANNULAR VOLUME- 48 BBLs.
10:15 - 10:30	0.25	PUMP 63 BBLs. 42 BBLs AWAY, SAW PRESS TO #275, WENT AWAY IMMEDIATELY. PRESS BOUNCING #0 TO #300. PUT PLASTIC BAG OVER TBG. TBG ON VERY SLIGHT BLOW AND VAC. SI TBG DEAD. CSG ON VAC. LEAKING AROUND PACKER. PACKER LEAK OR LEAKING OFF THRU CSG HOLE AND AROUND PACKER. IDENTIFIED CSG LEAK BETWEEN 4461.53' AND 4709.55' TOTAL FLUID PUMPED TO DATE- 482 BBLs.
10:30 - 11:30	1.00	

DATE:	06/29/94	DAILY COST:	\$2,520
DAY NO:	7	TOTAL COST TO DATE:	\$26,835

14:45 - 17:00	2.25	CSG PRESS- #485, TBG PRESS- #85. PACKER WAS SET DURING LAST CSG TEST. LEAKING AROUND PACKER REPORTED ON LAST REPORT. BOP'S LEAKING. BLOW DWN WELL. RELEASE PACKER. TOOH. PACKER DRAGGING ON FIRST 2 STANDS.
17:00 - 17:45	0.75	LAY DWN PACKER. RUBBERS RIPPED ON ONE SIDE, SMALL PIECES OF RUBBER TORN OFF, DRAG MARKS ON PACKER BODY IN LINE WITH RIPS ON RUBBERS. CHANGE OUT PIPE RAMS AND DOOR SEALS. SIFN

DATE:	06/30/94	DAILY COST:	\$6,081
DAY NO:	8	TOTAL COST TO DATE:	\$32,916

07:00 - 08:45	1.75	CSG PRESS- #400. RU OWP.
08:45 - 12:30	3.75	LOG. PIPE TALLY PBTD, 5655.88' WIRELINE DEPTH, PU DEPTH, 5659'. NO COMPARISON LOGS. 14' KB. LOG FRO 5659' TO 4300'. ONE GOOD CSG TEST ABOVE 4300' AT 4175.5'. ONE GOOD CSG TEST BELOW 4300' AT 4461.53' NOTHING CONCLUSIVE FROM LOGS. SIFN.

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

DATE:	07/01/94	DAILY COST:	\$4,565
DAY NO:	9	TOTAL COST TO DATE:	\$37,481

07:00 - 08:15	1.25	CSG PRESS- #375. UNLOAD SAND, PUT ON FLOOR.
08:15 - 10:15	2.00	PU 4 1/2" SCRAPER, NO BIT. TIH. TAG FILL AT 5652.85' LAST TAG AT 5655.88' NO DRAG ON SCRAPER RUN.
10:15 - 10:30	0.25	TOOH TO 4720.25'
10:30 - 10:45	0.25	RU TO DROP SAND PLUG.
10:45 - 15:00	4.25	START DROPPING SAND, WITH 2% KCL, RECIPROCATING PIPE. USE 20/40 SAND. 10 SACKS AWAY, PUMP KCL FOR 10 MIN. DROP REMAINDER OF SAND WITH SILICA FLOUR. LIGHT GAS BLOW FROM CSG AND TBG WITH 15 SACKS AWAY. NO GAS LAST 5 SACKS. PUMP 10 MIN AFTER LAST OF SAND GONE. STRING WEIGHT AT #23,000. NO ADDITIONAL WEIGHT THRU RECIPROCATING. SHUT DWN PUMP. TBG WENT ON VAC, CSG BLOWING. U - TUBE EFFECT. WAIT 20 MIN. TOTAL FLUID TO DATE- 504.5 BBLS
15:00 - 16:45	1.75	TOOH WITH SCRAPER.
16:45 - 17:30	0.75	PU PACKER, TAIL JT AND TIH WITH 18 STDS. SIFN.

DATE:	07/02/94	DAILY COST:	\$3,252
DAY NO:	10	TOTAL COST TO DATE:	\$40,733

07:00 - 07:45	0.75	CSG & TBG DEAD. TOOH WITH 18 STDS AND PACKER.
07:45 - 09:45	2.00	PU 2' SUB AND SEATING NIPPLE. PLACE ON TOP OF PACKER. TIH TO 4718.45' TAG FLUID AT 1540'. SET WITH #6,000 COMPRESSION.
09:45 - 10:45	1.00	RU TO PRESS TEST DWN TBG. TBG ON VAC AFTER PUMPING 45 BBLS. HOLE VOLUME 32 BBLS.
10:45 - 11:15	0.50	RELEASE PACKER. TIH AND TAG SAND PLUG AT 5429.07' 223.78' OF SAND.
11:15 - 11:30	0.25	PULL UP AND SET PACKER AT 5312.53' TEST SAND PLUG TO #1000. PUMPED 6.25 BBLS.
11:30 - 14:45	3.25	TOOH AND SET PACKER AT 5001.01' PRESS TEST DWN TBG TO 975# 6.9 BBLS. CSG DEAD. TOOH AND SET PACKER AT 4874.68' TEST TO #1000. PUMP 5 BBLS. TOOH AND SET PACKER AT 4814.51' PUMPED 12.5 BBLS TBG ON VAC, CSG DEAD. RUN DWN TO 4843.51' AND SET PACKER. TEST DWN TBG TO #1050. PUMPED 5 BBLS. CSG DEAD. TOOH AND SET PACKER AT 4783.51' TEST CSG PUMPED 50 BBLS. CSG ON VAC. TBG DEAD. RELEASE PACKER, TBG HAD VERY QUICK BLOW. TOOH TO 4654.41' SET PACKER. TEST CSG. PUMPED 35.87 BBLS. CSG ON VAC, TBG DEAD. RELEASE PACKER, TBG HAD VERY QUICK BLOW. TOOH TO 4461.12'. SET PACKER. PUMPED 52 BBLS. CSG ON VAC, TBG DEAD. RELEASE PACKER, TBG HAD VERY QUICK BLOW.
14:45 - 16:15	1.50	TOOH WITH PACKER. PACKER LOOKED GOOD, RUBBERS

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

16:15 - 18:15 2.00 GOOD.
TIH TO 3082.28' TEST CSG PRESS UP TO #1175.
CSG BLEEDING OFF VERY SLOWLY, TBG ON VERY
SLIGHT VAC. 20 BBLs TO FILL HOLE. RELEASE
PACKER. SIFN

DATE:	07/03/94	DAILY COST:	\$6,080
DAY NO:	11	TOTAL COST TO DATE:	\$46,813

06:30 - 08:00	1.50	TBG DEAD, CSG SLIGHT VAC. UNLOAD FRESH WATER.
08:00 - 09:30	1.50	TOOH WITH PACKER.
09:30 - 11:15	1.75	PU NEW PACKER. TIH TO 4153.02' TORQUE ALL JTS.
11:15 - 11:55	0.67	PRESS TEST CSG. FILLED WITH 33 BBLs. TEST TO #1050. TBG SLIGHT VAC. DROP STANDING VALVE. TEST TBG TO #1000. TBG VAC DUE TO FLUID DISPLACMENT, FALLING AFTER PACKER SET.
11:55 - 12:10	0.25	TIH TO 4281.72' 15 BBLs TO FILL. TESTED TO #1060.
12:10 - 12:30	0.33	TIH TO 4592.85' CSG ON STRONG VAC.
12:30 - 13:15	0.75	TOOH TO 4469.06' 9 BBLs TO FILL. TEST TO #1075
13:15 - 13:45	0.50	TIH TO 4524.16' CSG ON VAC.
13:45 - 13:55	0.17	BAD CSG BETWEEN 4469.06' AND 4843.51' RU TO FISH STANDING VALVE.
13:55 - 14:40	0.75	FISH STANDING VALVE NOTE: ONLY CHANGE TO TESTING WAS PUTTING #10,000 COMPRESSION ON PACKER INSTEAD OF #6,000. FIRST PACKER WAS NOT DAMAGED.
14:40 - 17:00	2.33	RD SWAB. TOOH WITH PACKER. SI FOR HOLIDAY.

DATE:	07/06/94	DAILY COST:	\$10,885
DAY NO:	12	TOTAL COST TO DATE:	\$57,698

10:30 - 12:05	1.58	CSG- SLIGHT VAC. PU CIRC AND SETTING TOOL. TIH TO 4093.38' 375.68' ABOVE TOP HOLE. RU HALIBURTON.
12:05 - 12:45	0.67	SET CIRC AT 4093.38' LOAD HOLE WITH FRESH WATER. TEST TBG TO #1250. TEST CSG TO #1000.
12:45 - 15:15	2.50	PUMP SQUEEZE JOB. PUMP 20 BBLs 10% CACL ₂ , 2 BBLs 2% KCL, 20 BBLs FLOCHEK, 2 BBLs 2%KCL, 42 BBLs THIXOTROPIC CEMENT. PUMPING AT #560, 3 1/2 BBLs/MIN. 22 BBLs DISPLACEMENT TO TOP OF FIRST CSG LEAK. 16 BBLs CAP. OF TBG. 18 BBLs DISP. AWAY, STING OUT WAIT 5 MIN, PUMP .5 BBLs TO #600, PRESS BROKEOVER. STING OUT, WAIT 10 MIN. PRESS TO #450, BROKEOVER. 19 BBLs AWAY. WAIT 10 MIN, PRESS UP TO #550, BLEEDING OFF. BUMP TO #600, BLEEDING OFF. PUMPING 1/4 BBL/MIN.

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

WAIT 10 MIN, PRESS UP #500, BLEEDING OFF.
BUMP TO #500, STING OUT. CLEAN OUT TBG WHILE WAITING.
WAIT 15 MIN, STING IN, #0 PRESS, SLIGHT VAC.
PRESS UP TO #500, SHUT DWN, BLEEDING OFF, STING OUT. 20.5 BBLs AWAY.
WAIT 20 MIN. PUMP 1/2 BBL, PRESS TO #750, NOT HOLDING. 21 BBLs AWAY.
PREPARE TO PUMP ANOTHER 50 SACKS. PRESS UP TO #1000. SHUT DWN, PRESS AT #300. 21.5 BBLs AWAY.
WAIT 15 MIN, PRESS AT #250. PRESS UP TO #750, STING OUT.
TOOH WITH SETTING TOOL.
PU MILL, TIH

15:15 - 16:30 1.25
16:30 - 18:00 1.50

DATE: 07/07/94	DAILY COST: \$4,755
DAY NO: 13	TOTAL COST TO DATE: \$62,453

07:00 - 10:00	3.00	TOOH, LAYING DWN 24 STDS. TIH WITH REMAINDER OF TBG. TAG RETAINER.
10:00 - 11:45	1.75	RU POWER SWIVEL.
11:45 - 13:00	1.25	BEGIN MILLING CICR, #8,000 TO #10,000 ON MILL.
13:00 - 14:30	1.50	ELEVATORS CAME UNLATCHED, SWIVEL KICKED OUT, SAND LINE KEPT FROM FALLING. 1 JT. BENT BACKWARDS INTO DERRICK. CONTINUE TO CIRCULATE FOR 10 MIN. RELATCH ELEVATORS TO SWIVEL, PULLUP JT. CUT JT. PU JT, WIRE ELEVATORS IN CLOSED POSITION.
14:30 - 16:40	2.17	MILLING. CICR RELEASED.
16:40 - 17:30	0.83	TIH TO 4297.90' TAGGED UP.
17:30 - 18:00	0.50	PULL 1 JT., AND 1 STD. CIRCULATE BOTTOMS UP. SIFN

DATE: 07/08/94	DAILY COST: \$3,385
DAY NO: 14	TOTAL COST TO DATE: \$65,838

07:00 - 09:45	2.75	MILLING ON CICR AT 4297.90' MILLED THRU.
09:45 - 10:30	0.75	TIH TO 4376.24' MILL OUT REMAINDER OF CICR, WITH CEMENT.
10:30 - 11:15	0.75	REPAIR ELEVATORS.
11:15 - 18:30	7.25	MILLING ON CEMENT. CEMENT SOFT. #6,000 TO #8,000 ON MILL. #950 TORQUE, 3 BBLs/MIN, 12'/HR. PUT #10,000 ON MILL, TORQUE TO #1200, STALL OUT. UNDER #6,000, MAKE LITTLE TO NONE ON PENETRATION. 15:00 HRS, PENETRATION RATE AVERAGING 24' HR. PENETRATION INCREASE STARTED ABOUT 4470' NO FLUID LOSS. PULL OUT 1 STD, CIRCULATE BOTTOMS UP. FINAL DEPTH- 4511.07' PULL UP, CIRCULATE BOTTOMS UP. SIFN. NOTE: CEMENT SAMPLES SETUP, HARD.

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

DATE:	07/09/94	DAILY COST:	\$3,540
DAY NO:	15	TOTAL COST TO DATE:	\$69,378

07:00 - 17:00 10.00 MILLING ON CEMENT AT 4511.07'. BEGINING FLUID TEMP FROM WELL- 40 DEG. BOTTOMS UP TEMP- 48 DEG. CEMENT REMAINING SOFT. USED 37.5 BBLs WATER FROM 4565.90' TO 4596.94' SHUT DWN, SI WELL. CSG ON VAC. NO LOST CIRC. PUMPING AT 3.5 BBLs/MIN. AVERAGE RATE OF PENETRATION- 18.5' HR. PU JT AT 12:50 HRS, 13:50 HRS EST. 15' IN HOLE, WELL DRANK 12.5 BBLs. REVERSE CIRC DWN TBG, UTILIZE JETS (3) ON MILL. TBG/PUMP PRESS- #750, 4 BBLs/MIN, ANNULAR VELOCITY- 375'/MIN. CEMENT RETURNS VERY FINE. 40'/HR.

17:00 - 20:00 3.00 RATE OF PENETRATION DWN TO 8' HR. REVERSE CIRC DWN CSG, UP TBG. RATE OF PENETRATION 15'/HR, HOLE TAKING 5.0 BBLs/HR, VERY FINE RETURNS. FOOTAGE TODAY-243.38' 89.06' FROM GOOD CSG TEST. PU, CIRC. SIFN.

DATE:	07/10/94	DAILY COST:	\$4,090
DAY NO:	16	TOTAL COST TO DATE:	\$73,468

07:00 - 09:15 2.25 WARM UP RIG, PUMPS. FILL WELL WITH 17.5 BBLs. CIRC. DWN CGS, PRESS UP TO #400, NO CIRC THRU TBG. CIRC DWN TBG, PRESS UP TO #900. GO DWN CGS, SPUD, REGAINED CIRC. CIRCULATE UP PIECE OF STIPPING RUBBER. REPLACE RUBBER. MILLING AT 4754.45' ROP- 24' HR. WATER LOSS- 5 BBLs/HR.

09:15 - 10:00 0.75 TORQUE ARM ON SWIVEL BROKE OFF, TWISTING UP LINES. UNTANGLE THE MESS, PUT ARM ON OTHER SIDE OF SWIVEL.

10:00 - 11:50 1.83 RESUME MILLING.

11:50 - 14:30 2.67 DRILL THRU CEMENT AT 4847' HOLE TAKING 3 BBLs/HR. PU SINGLES, TIH. STACKED OUT AT 5029.68', MILLING, PUSHING OBSTRUCTION DWN, ASSUME TO BE CEMENT. TAG SAND AT 5427'- 2' HIGH. CIRC OUT HARD CEMENT, SMALL PIECES OF CIRC AHEAD OF SAND

14:30 - 16:00 1.50 MILL STUCK AT 5504'. CIRC SHORT WAY, LONG WAY, SPUDDING. OBSTRUCTION CAME FREE. RETURNS ARE FINE IRON, BRASS, AND RUBBER.

16:00 - 16:40 0.67 RESUME CIRC OUT SAND TO 5597'. ROLL HOLE TO 2% KCL.

16:40 - 17:00 0.33 PU LAST JT. REVERS TO 5618.72'- LOST CIRC. 15' ABOVE PERFS. WELL TO THIS POINT HAS BEEN TAKING 3 BBLs/HR.

17:00 - 17:45 0.75 RD POWER SWIVEL, CHANGE ELEVATORS, REMOVE STRIPPING HEAD, PU TONGS.

17:45 - 20:00 2.25 TOOH WITH MILL. SIFN.

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

DATE:	07/11/94	DAILY COST:	\$2,330
DAY NO:	17	TOTAL COST TO DATE:	\$75,798

07:00 - 13:15	6.25	CSG- #3 HYDROLIC PUMP OUT ON RIG. REPLACE. START TO TIH. HYDROLIC CLUTCH SLIPPING. ADJUST. START TO TIH. NO HYDROLICS TO TONGS. CONNECT HYDOLICS FROM POWER SWIVEL TO TONGS. USE WINCH TO RAISE AND LOWER TONGS.
13:15 - 14:45	1.50	TIH WITH TBG PUMP. TAG FILL AT 5618' UNABLE TO MAKE HOLE. STROKING PUMP, NO ADDITIONAL WEIGHT OR FOOTAGE. UNABLE TO ROTATE THRU, NOTCHED COLLAR ON BOTTOM.
14:45 - 16:15	1.50	ATTEMPT TO TOOH. BLEW SEALS ON TONGS. ATTEMPT TO PULL UP OFF BOTTOM, HYDROLIC CLUTCH GOING OUT, PULLED 1 JT OFF BOTTOM. UNABLE TO MAKE REPAIRS TODAY. SIFN.

DATE:	07/12/94	DAILY COST:	\$3,227
DAY NO:	18	TOTAL COST TO DATE:	\$79,025

07:00 - 11:00	4.00	REPAIR RIG.
11:00 - 12:30	1.50	TOOH WITH TBG PUMP. 8 STDS ON BOTTOM FOR DEBRIS CHAMBER, LAST 2 HAD SAND, BOTTOM CHECKS COATED WITH SOFT CEMENT, NO VISIBLE IRON. NOTCHED COLLAR SUSTAINED NO VISIBLE DAMAGE. FLUID LEVEL ON TBG TRIPPING OUT AT 2820'.
12:30 - 13:00	0.50	CLEAN OUT BOTTOM ASS. AND PU SUB AND BIT.
13:00 - 14:30	1.50	TIH WITH TBG PUMP AND BIT.
14:30 - 17:15	2.75	PU SWIVEL, CHANGE ELEVATORS. TAG FILL AT 5625.28', UNABLE TO MAKE FOOTAGE PAST 5618' YESTERDAY, POSSIBLY PUMPING SAND AROUND OBSTRUCTION. ROTATING INTO FILL, STALLED OUT, PULLED #48,000 TO FREE. CONTINUALLY STALLING OUT, STICKING, PULLING #30,000 TO FREE, STRG WEIGHT- #26,000. STARTING WEIGHT- #25,000. MADE 1' TO 5626.28' FROM 15:00 HRS. TO 16:00 HRS. MADE NO EXTRA FOOTAGE LAST 1 1/4 HRS.
17:15 - 20:00	2.75	LAY BACK SWIVEL. TOOH WITH TBG PUMP. DRAGGING 1ST JT. OFF BOTTOM. NO SAND. RUBBER IN BOTTOM CHECKS. CONES ON BIT READY TO COME OFF. NO VISIBLE IRON DAMAGE TO BIT. SIFN.

DATE:	07/13/94	DAILY COST:	\$4,390
DAY NO:	19	TOTAL COST TO DATE:	\$83,415

07:00 - 09:00	2.00	PU JUNK SHOE. TIH WITH TBG PUMP AND SHOE. SHOE O.D.- 3.721"
09:00 - 09:30	0.50	PU POWER SWIVEL.
09:30 - 11:00	1.50	TAG AT 5627.22' ROTATE, STICKING. SPUD, STUCK, #45,000 TO FREE. STICKING, STALLING OUT. STUCK, #52,000 TO FREE. STICKING OFTEN,

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

		#20,000 PLUS TO FREE. MADE 3' IN 1 1/2 HRS. DWN TO 5630'
11:00 - 13:00	2.00	LAY SWIVEL. TOOH. FLUID LEVEL AT 2006' NO SAND, RUBBER, IRON. CUTRITE ON BOTTOM OF SHOE NOT DAMAGED, STILL PAINTED. OUTSIDE OF SHOE 9" UP POLISHED OFF.
13:00 - 15:00	2.00	PU SKIRTED BIT. TIH.
15:00 - 15:15	0.25	PUMPING ONLY. NO HOLE MADE.
15:15 - 16:30	1.25	ROTATE ON BIT. #10,000 ON BIT. NO STALLING OUT. NO STICKING. MADE NO HOLE.
16:30 - 19:00	2.50	TOOH. ONE CONE ON BIT SEIZED UP. ONE LOOSE. ONE SMALL PIECE OF RUBBER. NO VISIBLE IRON. SIFN.

DATE: 07/14/94	DAILY COST: \$2,990
DAY NO: 20	TOTAL COST TO DATE: \$86,405

07:00 - 10:00	3.00	PU HYDROSTATIC BAILER. TAG UP AT 5638' DRAGGING SLIGHTLY FOR 3' THRU THE 5630' AREA.
10:00 - 11:00	1.00	BAIL TO 5655.55' PUTTING FULL STRG WEIGHT ON BAILER. VERY SOLID ON BOTTOM. NO DAMAGE TO NOTCHED COLLAR. INITIAL TAG UP ON BOTTOM WAS 5655.88'
11:00 - 13:00	2.00	TOOH WITH BAILER.. 45' OF SAND IN TBG., 11' CSG CAPACITY. SAND RECOVERED HAD VERY SLIGHT AMOUNTS OF RUBBER, IRON CUTTINGS, AND SEMI HARD CEMENT. NONE IN VERY BIG QUANTITIES.
13:00 - 16:30	3.50	PU BAKER LOKSET PACKER, TAIL JT, ON OFF TOOL, 10' AND 8' SUBS. TIH WITH ASS. AND METHANOL INJ. STRG. PROD. STRG.- 11' KB 22 STDS, & 1JT.- 1410.07' DANIELS INJ. MANDREL- 4.10' 65 STDS. & 1 JT.- 4115.12' SUB - 8.10' SUB - 10.15' F NIPPLE - 1.60' SUB -4.13' BAKER LOKSET - 3.02' TAIL JT - 31.09' NOTCHED COLLAR -.40'
16:30 - 18:45	2.25	ND POWER SWIVEL, HYDRIL, BOP'S. LAND PACKER AT 5562.69' BOTTOM OF TBG AT 5597.35' #15,000 COPRESSION. ADD 35 GALLONS CORROSION INHIBITOR. FILL BACKSIDE. SLIGHT VAC FOR 1/2 MIN. THRU 1/2' NEEDLE VALVE.
18:45 - 19:30	0.75	RU SWAB. SWAB TO FLAT TANK SHAKER.
19:30 - 20:30	1.00	SWABBING. 5 RUNS. TAG 2600'. DWN TO 3600'. UNABLE TO GET BELOW 4600' RECOVERED 10 BBLs. CSG PRESS- #9 SIFN.

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

DATE: 07/15/94	DAILY COST: \$2,790
DAY NO: 21	TOTAL COST TO DATE: \$89,195

07:00 - 20:30 13.50 TBG- VAC., CSG- SLIGHT VAC. SWABBING. PUT ON UNDERSIZE CUPS. TAG AT 4600' FLUID LEVEL AT 3600' UNABLE TO GET BY 4600' MARK. RI WITH SINKER BAR ONLY- OD 1 1/2" UNABLE TO GET BY 4600' RI WITH CUPS AND TAG AT 4600' FLUID LEVEL AT 3700' NEXT RUN IN TAG AT 4400' SPUD TO 4800' OBSTRUCTION CAN BE MOVED BY SPUDDING, THEN MOVES UP HOLE AFTER SWAB RUN. ENCOUNTER OBSTRUCTION ANYWHERE FROM 4200' TO 5400' AFTER SWAB RUNS OBSTRUCTION IS ALWAYS HIGHER AFTER RUN. MADE 18 RUNS, OBSTRUCTION CAME UP. 1/2" WIDE BY 4" LON CURLY PIECE OF RUBBER WITH A SMALL PIECE OF CAST IRON. STARTED MAKING SAND AND LCM AFTER 5TH RUN. AMOUNTS OF SAND VARYING EACH RUN. EST AMOUNT UP TO 20TH RUN AT 5 GALLONS. AFTER 20TH RUN FLUID IS STILL GRITTY. GAS STARTED AHEAD OF SWAB FLUID AT SAME TIME STARTED MAKING SAND AND LCM, 5TH RUN. AFTER RUBBER WAS RECOVERED STARTED PULLING FROM 5450', FLUID LEVEL REMAINING AT 3700' STARTED PULLING FROM F NIPPLE, ID- 1.8115" CUPS- 1.9285" FLUID STILL SANDY ENOUGH TO WEAR OUT CUPS QUICKLY. 25TH RUN PULLED 5 GALLONS OF FAIRLY CLEAN SAND. 27' OF SAND PLUG HAVE BEEN MISSING. 10 GALLONS RECOVERED ACCOUNTS FOR AN EST 11' 26TH THRU 29TH RUNS FLUID BECOMING GAS CUT, GAS BREAKING OUT AT TANK, NO LARGE AMOUNTS OF GAS. CUPS CUTTING OUT QUICKLY. TOTAL RUNS- 29 TOTAL BBLs RECOVERED- 66.08 FLUID TEMP A.M.- 52 DEGREES FLUID TEMP P.M.- 54 DEGREES

DATE: 07/16/94	DAILY COST: \$11,340
DAY NO: 22	TOTAL COST TO DATE: \$100,535

07:00 - 11:15 4.25 TBG- #50, CSG- SLIGHT VAC. BLOW DWN TBG. DROP 10 SOAP STKS. PUMP DWN RIG TANK INTO 400 BBL TANK. SWABBING. TAG AT 3550' #910 HEAD OVER TOP PERFS., TBG GASSING. MADE 4 RUNS, DROP 3 SOAP STKS. FLUID LEVEL COMING UP. AFTER FLOW AFTER 4TH RUN. SAND 3RD THRU 5TH RUNS, 2 GALLONS.

SWAB RUNS:	BARRELS	FLUID LEVEL
1	12.5	3550
2	10	3300

**MERIDIAN OIL INC., DENVER REGION
DAILY OPERATIONS SUMMARY**

1 INDIAN CREEK UNIT

FERRON FIELD

		3	2.5	3600
		4	2.5	3750
		5	8.75	3400
		6	7	3200
		7	5.5	3400
11:15 - 12:30	1.25	REPAIR SAND LINE. PARTED 40' ABOVE LUBRICATOR. OPERATOR MISSED 1ST FLAGS. TBG GASSING HEAVIER. DROP 4 SOAP STKS DURING SWAB REPAIR.		
12:30 - 13:15	0.75	WELL UNLOADING SOAPY FLUID. 12.5 BBLs.		
13:15 - 13:30	0.25	WELL DIED OFF.		
13:30 - 14:30	1.00	WELL UNLOADING. 13.75 BBLs. FTP- #50 TO #90 START RIGGING DWN.		
14:30 - 15:30	1.00	BBLs RECOVERED	CUM BBLs	FTP
		13.75	88.75	#75
15:30 - 16:00	0.50	6.25 BBLs CUM- 95 BBLs. FTP- #75		
16:00 - 16:30	0.50	CHOKE BACK TO LINE PRESS, #140. HELD FOR 15 MIN, BEGAN TO FALL, NO FLUID TO SURFACE.		
16:30 - 17:30	1.00	BBLs. 20 CUM BBLs- 115 FTP- #40 NO CHOKE HOOK WELL BACK INTO FLOW LINE. REMOVE CHOKE FROM SWAB LINE. SI 2 MIN- SI PRESS #200. PUT ON TOP OF FLOWLINE VALVE AND RUN LINE TO 400 BBL TANK. BE ABLE TO FLOWBACK FLUID AND TEST WHEN WELL CAN BUCK LINE PRESS, WHEN ABLE TO, SHUT 1 VALVE, AND PUT ON LINE.		
17:30 - 18:30	1.00	BBLs 16.7 CUM BBLs- 131.7 FTP- #75 GOING THRU FULL CHOKE TO 400 BBL TANK. LAY DWN RIG NEXT AM. FLOW CREW FOR THE NIGHT. TURN WELL OVER TO OPERATOR. RIG TIME ESTIMATED FOR TODAY'S REPORT FOR FLOW CREW, CLEANING FLAT TANK, AND ROADING RIG TO RANGLEY, COLO.		

STATE OF UTAH
VISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
MERIDIAN OIL INC
PO BOX 3209
ENGLEWOOD CO 80155-3209

UTAH ACCOUNT NUMBER: N7230

REPORT PERIOD (MONTH/YEAR): 7 / 96

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ ARABIAN FEDERAL #3			NESW	✓		1156186	Kechine Unit	
4303731287 10654 38S 24E 19			IS-DC					
✓ HAVASU FEDERAL 12-19			SWNW	✓		1156186	Kechine Unit	
4303731457 10654 38S 24E 19			ISMY					
✓ HAVASU FEDERAL 12-19A			SWNW	✓		1156186	Kechine Unit	
4303731459 10654 38S 24E 19			ISMY					
✓ NAVAJO FEDERAL 42-5			SENE	✓		1158728	Kiva (Upper Mesa) Unit	
4303731261 10655 39S 25E 5			ISMY					
✓ NAVAJO FEDERAL 41-5			NENE	✓		1157895	Kiva / Non P.A.	
4303731358 10810 39S 25E 5			DSCR					
✓ INDIAN CREEK 14176 #1			FRSD	✓		115202	E. mtn. II Unit	(9-16-94 Invalidated)
4301530091 10907 17S 06E 14								
✓ NOCK-FEDERAL 21-33				✓		1140361	Bannock Unit	
4303731425 10923 38S 24E 33			ISMY					
TOTALS								

COMMENTS: _____

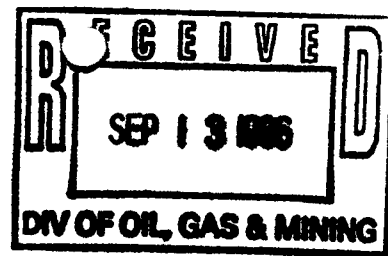
I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

MERIDIAN OIL



September 10, 1996

State of Utah
Division of Oil, Gas and Mining
355 ~~1594~~ West North Temple
Salt Lake City, UT 84180

Re: Name Change from Meridian Oil Inc. to
Burlington Resources Oil & Gas Co.

Gentlemen:

Please be advised effective July 11, 1996 Meridian Oil Inc. changed their name and address to:

Burlington Resources Oil & Gas Co.
3300 North "A" St., Bldg. 6
Midland, TX 79710-1810

Please see the attached list of wells that Burlington Resources operates in the State of Utah. If you should have any questions, please contact me at (303) 930-9393 or after September 30th at (915) 688-6800.

Sincerely,

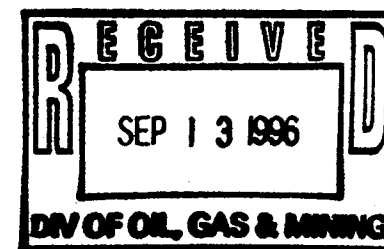
BURLINGTON RESOURCES OIL & GAS CO.

A handwritten signature in cursive script, reading "Eileen Danni Dey".

Eileen Danni Dey
Senior Regulatory Compliance Representative

Enclosure

FIELD	WELL NAME	WELL NO	FORMATION/POOL	COUNTY	OCATIO	SEC	TWN	RGE	API NUMBER	FEDERAL LEASE NUMBER	STATE CONTROL NO.
BANNOCK	BANNOCK FEDERAL	21-33	ISMAY	SAN JUAN	NENW	33	038S	024E	43-037-3142500	UTU60786A	10923
CEDAR MOUNTAIN	EAST CANYON UNIT	33-18	CEDAR MOUNTAIN	GRAND	NWSE	18	016S	025E	43-019-1620300	UTU05059	9515
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	13-35	FERRON	EMERY	NWSW	35	016S	006E	43-015-3023000	57287U6920	10789
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	32-23	FERRON	EMERY	SWNE	23	016S	006E	43-015-3023100	57287U6920	11075
FERRON	INDIAN CREEK UNIT	1	FERRON	EMERY	SWNW	02	017S	006E	43-015-3008200	57287U6920	02585
FERRON	INDIAN CREEK UNIT	3	FERRON	EMERY	SWSW	02	017S	006E	43-015-3107500	57287U6920	02585
FERRON	INDIAN CREEK UNIT 10176	5	FERRON	EMERY	SENE	10	017S	006E	43-015-3011700	57287U6920	02585
FERRON	INDIAN CREEK UNIT 14176	2	FERRON	EMERY	SWNE	14	017S	006E	43-015-3009100	UTU15202	10907
KACHINA	ARABIAN FEDERAL (WIW)	2	ISMAY	SAN JUAN	NWSW	19	038S	024E	43-037-3128200	UTU56186	10654
KACHINA	ARABIAN FEDERAL	3	ISMAY	SAN JUAN	NESW	19	038S	024E	43-037-3128700	UTU56186	10654
KACHINA	HAVASU FEDERAL (WIW)	11-19	UPPER ISMAY	SAN JUAN	NWNW	19	038S	024E	43-037-3145800	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19	UPPER ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145700	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19A	ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145900	UTU56186	10654
KACHINA	HAVASU FEDERAL	22-19	UPPER ISMAY	SAN JUAN	SENE	19	038S	024E	43-037-3127800	UTU56186	10654
KACHINA	HAVASU FEDERAL	41-24	UPPER ISMAY	SAN JUAN	NENE	24	038S	023E	43-037-3127900	UTU20895	10654
KACHINA	HAVASU FEDERAL (WIW)	42-24	UPPER ISMAY	SAN JUAN	SENE	24	038S	023E	43-037-3129800	UTU20895	10654
KACHINA	WASH UNIT (WSEW)	2	CUTLER	SAN JUAN	SESE	13	038S	023E	43-037-3132400	UTU20894	10654
KIVA (DESERT CREEK)	NAVAJO FEDERAL	41-5	DESERT CREEK	SAN JUAN	NENE	05	039S	025E	43-037-3142100	UTU57895	10810
KIVA (UPPER ISMAY)	KIVA FEDERAL	24-4	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3174500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	12-4	ISMAY	SAN JUAN	SWNW	04	039S	025E	43-037-3139500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	14-4	ISMAY	SAN JUAN	SWSW	04	039S	025E	43-037-3132100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	21-9	ISMAY	SAN JUAN	NENW	09	039S	025E	43-037-3126700	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	23-4	UPPER ISMAY	SAN JUAN	NESW	04	039S	025E	43-037-3125900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-2	ISMAY	SAN JUAN	SWSE	04	039S	025E	43-037-3116100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-4	ISMAY	SAN JUAN	NWSW	04	039S	025E	43-037-3117900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	42-5	UPPER ISMAY	SAN JUAN	SENE	05	039S	025E	43-037-3126100	83687U6890	10655
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WSEW)	42-9	WINGATE/CUTLER	SAN JUAN	SENE	09	039S	025E	43-037-3126300	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	9-1	UPPER ISMAY	SAN JUAN	NWNE	09	039S	025E	43-037-3100100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	4-1	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3111200	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	43-5	ISMAY	SAN JUAN	NWSW	05	039S	025E	43-037-3131700	83687U6890	09975
IRON MESA	HATCH POINT FEDERAL	27-1A	CANE CREEK	SAN JUAN	NESW	27	027S	021E	43-037-3051800	8910184250	02815

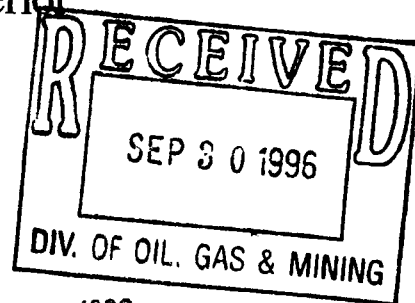




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To
3100
SL-071010C
(UT-932)

SEP 28 1996

NOTICE

Burlington Resources Oil & Gas Company	:	Oil and Gas
801 Cherry Street, Suite 900	:	SL-071010C
Fort Worth, Texas 76102	:	

Corporate Name Change Recognized

Acceptable evidence has been filed in this office concerning the corporate name change from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

For our purposes, the name change is recognized effective July 12, 1996, the date the Secretary of State of Delaware certified the name change.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to Bond No. 400IA9059 (BLM Bond No. MT0719) has been accepted by the Montana State office as of September 16, 1996, its date of receipt. The rider changed the name on the bond from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

ROBERT LOPEZ

Robert Lopez
Group Leader,
Minerals Adjudication Group

Enclosure
Exhibit (1 p)

cc: MMS, Data Management Division, P.O. Box 5860, MS 3113, Denver, Colorado 80217
Moab District Office
Vernal District Office

bc: State of Utah, ATTN: Lisha Cordova, Division of Oil, Gas and Mining, P.O. Box 145801,
Salt Lake City, Utah 84114-5801
Teresa Thompson (UT-931)
Irene Anderson (UT-932)

Exhibit of Leases Affected

SL-071010C	U-8894A	U-40751	U-61752
SL-071595	U-8895A	U-45051	U-62143
U-0681	U-8897A	U-45929	U-62190
U-0683	U-15202	U-46825	U-63181
U-0684	U-15203	U-51045	UTU-64930
U-0685	U-15204	U-51046	UTU-64931
U-0719	U-16962A	U-51047	UTU-65329
U-0725	U-17024	U-52333	UTU-65607
U-0737	U-17623	U-56186	UTU-65750
U-0741	U-19281	U-56932	UTU-65751
U-0744	U-20016	U-56933	UTU-65868 (ROW)
U-03333	U-20895	U-56934	UTU-65940
U-04049	U-24606	U-57895	UTU-65943
U-04049A	U-39832	U-58728	UTU-66025
U-05059	U-40361	U-60428	UTU-66487
U-08107	U-40440	U-60520	UTU-66584
U-062420	U-40544 (ROW)	U-61556	UTU-66708
UTU-66830	UTU-66831	UTU-67565	UTU-67568
UTU-67569	UTU-67570	UTU-68232	UTU-68664
UTU-68676	UTU-69434	UTU-70115 (ROW)	UTU-70196
UTU-72660	U-60786X (Bannock Unit)	U-63089X (East Mountain Unit)	

OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	6-LK
2-GLH	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (~~well sold~~)☐ Designation of Agent☐ Designation of Operator☒ Operator Name Change ~~Only~~The operator of the well(s) listed below has changed, effective: 7-11-96TO: (new operator) BURLINGTON RESOURCES O&G CO.FROM: (old operator) MERIDIAN OIL INC(address) 3300 N "A" ST BLDG 6(address) PO BOX 3209MIDLAND TX 79710-1810ENGLEWOOD CO 80155-3209EILEEN DANNI DEYEILEEN DANNI DEYPhone: (915)688-6800Phone: (303)930-9393Account no. N7670Account no. N7230

WELL(S) attach additional page if needed:

***KACHINA, KIVA, EAST MOUNTAIN, BANNOCK UNIT'S**

Name: **SEE ATTACHED**	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 9-13-96)*
- 2 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 9-13-96)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? *(yes/no)* ____ If yes, show company file number: #096593. *(E.H. 1-29-82)*
- 4 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(i.e. UIC Program)*
- 6 6. Cardex file has been updated for each well listed above. *(10-3-96)*
- 7 7. Well file labels have been updated for each well listed above. *(10-3-96)*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10-3-96)*
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) **961002 "Rider" 80,000 to Burlington rec'd by Trust Lands Admin.*

- Lee 1. (r649-3-1) The NEW operator of any ~~fee~~ lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
OTS 11/16/96

FILMING

- JS 1. All attachments to this form have been microfilmed. Today's date: 12-27-96.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
BURLINGTON RESOURCES O&G
3300 N A ST BLDG 6
MIDLAND TX 79710-1810

UTAH ACCOUNT NUMBER: N7670REPORT PERIOD (MONTH/YEAR): 2 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ HAVASU FEDERAL 12-19								
4303731457	10654	38S 24E 19	ISMV			11-56186	Kechina Unit / Sec. Recovery	
✓ HAVASU FEDERAL 12-19A								
4303731459	10654	38S 24E 19	ISMV			11-56186	"	
✓ NAVAJO FEDERAL 42-5								
4303731261	10655	39S 25E 5	ISMV			11-58728		
✓ NAVAJO FEDERAL 41-5								
4303731358	10810	39S 25E 5	DSCR			11-57895		
✓ INDIAN CREEK 14176 #1								
4301530091	10907	17S 06E 14	FRSD			11-15262		
✓ BANNOCK-FEDERAL 21-33								
4303731425	10923	38S 24E 33	ISMV			11-40361		
✓ Wash Unit 2								
4303731324	99990	38S 23E 13	SPMP / WSW			11-20894	* BLM aprv. 4-23-97.	
✓ Arabian Federal 2								
4303731282	10654	38S 24E 19	ISMV / WSW			11-56186	Kechina Unit / Sec. Recovery	
✓ Havasu Federal 11-19								
4303731458	10654	38S 24E 19	ISMV / WSW			11-56186	"	
✓ Havasu Federal 42-24								
4303731298	10654	38S 23E 24	ISMV / WSW			11-20895	"	
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

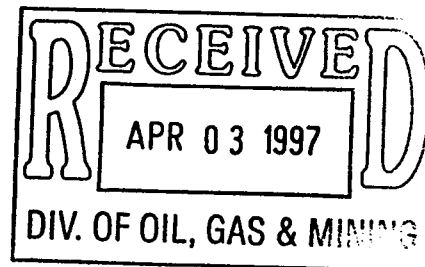
Date: _____

Name and Signature: _____

Telephone Number: _____

MERIT ENERGY COMPANY

12222 MERIT DRIVE, SUITE 1500
DALLAS, TEXAS 75251
(972) 701-8377
(972) 960-1252 Fax



April 2, 1997

**Utah Division of Oil, Gas and Mining
Attn: Ms. Lisha Cordova
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114**


**RE: Change of Operator to Merit Energy Company
Emery and San Juan County**

Dear Ms. Cordova:

Enclosed please find a copy of Form 3160 executed by both parties, Merit Energy and Burlington Resources.

If additional information or forms are required to process this transaction, please contact me at 972-701-8377.

**Yours very truly,
MERIT ENERGY COMPANY**


**Martha J. Rogers
Manager, Regulatory Affairs**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

5. Lease Designation and Serial No.
UTU15202

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address and Telephone No (915)688-6800

P. O. BOX 51810, MIDLAND, TX 79710-1810

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

3387' FSL & 1767' FEL, SWNE

14 017S 006E, SLM

8. Well Name and No.

INDIAN CREEK 14176 1

9. API Well No.

43,015,3009100

10. Field and Pool, or Exploratory Area

FERRON, FERRON

11. County or Parish, State

EMERY, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment Notice

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut-Off

☐ Altering Casing

☐ Conversion to Injection

☒ Other CHANGE OF OPERATOR

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE OPERATOR OF RECORD OF THE INDIAN CREEK 14176 1 WELL, TRANSFERRED ALL OF ITS RIGHT, TITLE AND INTEREST IN SAID WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251.

ON APRIL 1, 1997, MERIT ENERGY COMPANY, GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS.

14. I hereby certify that the foregoing is true and correct.

Signed Kent Beers Title Attorney-in-Fact

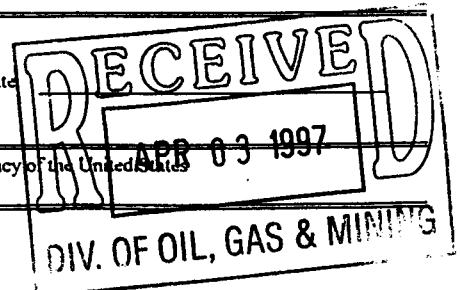
Date March 31, 1997

(This space for Federal or State office use)

Approved By _____ Title _____
Condition of Approval, if any:

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.



CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 13-35	35 016S 006E	1 ML-27626	GAS WELL	43,015,3023000	UT060P49-87U69	57287U6920	025 1156933
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 32-23	23 016S 006E		GAS WELL	43,015,3023100	UT060P49-87U69	57287U6920	025 117634
EMERY	FERRON ,FERRON	INDIAN CREEK 021762 3	02 017S 006E	1 ML-27626	GAS WELL	43,015,3017500		57287U6920	025 115204
EMERY	FERRON ,FERRON	INDIAN CREEK 1	02 017S 006E	ML-27626	GAS WELL	43,015,3008200		57287U6920	025 11527626
EMERY	FERRON ,FERRON	INDIAN CREEK 10176 5	10 017S 006E	1 ML-27626	GAS WELL	43,015,3011700		57287U6920	025 115203
EMERY	FERRON ,FERRON	INDIAN CREEK 14176 1	14 017S 006E	UTU15202	GAS WELL	43,015,3008100		UTU15202	109 115202
SAN JUAN	BANNOCK ,ISMAY	BANNOCK FEDERAL 21-33	33 038S 024E	1 UTU60786	OIL WELL	43,037,3142500	60786A	UTU60786A	109 1146361
SAN JUAN	KACHINA ,CUTLER	WASH UNIT 2	13 038S 023E	UTU20894	WATER SOURCE	43,037,3132400		UTU20894	106 1120094 (To Date Rights 4-7-97)
SAN JUAN	KACHINA ,ISMAY	ARABIAN FEDERAL 2	19 038S 024E	UTU56186	WATER INJECTED	43,037,3128200		UTU56186	106 1156186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 11-19	19 038S 024E	UTU56186	WATER INJECTED	43,037,3145800		UTU56186	106 1156186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19	19 038S 024E	UTU56186	OIL WELL	43,037,3145700		UTU56186	106 1156186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19A	19 038S 024E	UTU56186	OIL WELL	43,037,3145900		UTU56186	106 1156186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 22-19	19 038S 024E	UTU56186	OIL WELL	43,037,3127800		UTU56186	106 1156186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 41-24	24 038S 023E	UTU20895	OIL WELL	43,037,3127900		UTU20895	106 1120895
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 42-24	24 038S 023E	UTU20895	WATER INJECTED	43,037,3129800		UTU20895	106 1120895

CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
SAN JUAN	KACHINA, ISMAY-DESERT CREEK	ARABIAN FEDERAL 3	19 036S 024E	UTU56186	OIL WELL	43,037,3126700		UTU56186	106 456186
SAN JUAN	KIVA (UPPER ISMAY), CUTLER	NAVAJO FEDERAL 42-9	09 039S 025E	U-52333	WATER SOURCE	43,037,3126300			452333 (To water Rights 4-747)
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	KIVA FEDERAL 24-4	04 039S 025E		OIL WELL	43,037,3174500		83687U6890	099 USA-452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL (WTV) 4-1	04 039S 025E		WATER INJECTED	43,037,3111200		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL (WTV) 43-5	04 039S 025E		WATER INJECTED	43,037,3131700		83687U6890	099 458728
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 12-4	04 039S 025E		WATER INJECTED	43,037,3139500		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 14-4	04 039S 025E		WATER INJECTED	43,037,3132100		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 21-9	09 039S 025E		WATER INJECTED	43,037,3126700		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 23-4	04 039S 025E		WATER INJECTED	43,037,3125900		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 4-1	04 039S 025E		OIL WELL	43,037,3111200		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 4-2	04 039S 025E		OIL WELL	43,037,3116100		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 4-4	04 039S 025E		OIL WELL	43,037,3117900		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 42-5	05 039S 025E		OIL WELL	43,037,3126100		83687U6890	106 458728
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 43-5	04 039S 025E		OIL WELL	43,037,3131700		83687U6890	099 458728
SAN JUAN	KIVA (UPPER ISMAY), ISMAY	NAVAJO FEDERAL 9-1	09 039S 025E		OIL WELL	43,037,3100100		83687U6890	099 452333
SAN JUAN	KIVA (UPPER ISMAY), WINGATE	NAVAJO FEDERAL 42-9	09 039S 025E		WATER SOURCE	43,037,3126300		83687U6890	099 452333 (To water Rights 4-747)

CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
SAN JUAN	KIVA ,DESERT CREEK	NAVAJO FEDERAL 41-5	05 039S 025E	UTU57896	OIL WELL	43,037,3135800		UTU57895	108 <i>U57895</i>
SAN JUAN	LION MESA ,CANE CREEK	HATCH POINT FEDERAL 27-1A	27 027S 021E	UTU20016	OIL WELL	43,037,3051800		UTU20016	028 <i>U20016</i>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MERIT ENERGY COMPANY

3. Address and Telephone No (972) 701-8377

12222 MERIT DRIVE, DALLAS, TX 75251

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

3387' FSL & 1767' FEL, SWNE

14 017S 006E, SLM

5. Lease Designation and Serial No.

UTU15202

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

INDIAN CREEK 14176-1 2 V.B. 4/21/9

9. API Well No.

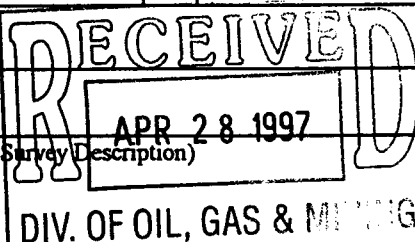
43,015,3009100

10. Field and Pool, or Exploratory Area

FERRON, FERRON

11. County or Parish, State

EMERY, UT



12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF
OPERATOR

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE AS OF JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE PRIOR OPERATOR OF RECORD, TRANSFERRED ALL RIGHT, TITLE AND INTEREST IN THE INDIAN CREEK 14176 1 WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251. ON APRIL 1, 1997, MERIT ENERGY COMPANY, THE GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS AND IS CONSIDERED TO BE THE OPERATOR OF SAID WELL AS OF THAT DATE.

MERIT ENERGY COMPANY IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED UPON THE LEASED LANDS. BOND COVERAGE IN THE AMOUNT OF \$150,000 FOR MERIT ENERGY COMPANY IS PROVIDED UNDER BLM BOND NO. WY3011, IN FAVOR OF THE BUREAU OF LAND MANAGEMENT, U. S. DEPARTMENT OF THE INTERIOR.

14. I hereby certify that the foregoing is true and correct.

Signed Martha Rogers Title Manager, Regulatory Affairs

Date March 31, 1997

(This space for Federal/State/Local Use)

Approved By
Condition of Approval, If any:

Title Assistant Field Manager,
Resource Management

Date APR 23 1997

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

Merit Energy Company
Well No. Indian Creek 14176-2
SWNE Sec. 14, T. 17 S., R. 6 E.
Emery County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Merit Energy Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased land.

Bond coverage for this well is provided by BLM Bond WY3011 (Principle - Merit Energy Company) as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-ILEC	6-JAC
2-GLM	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 4-1-97

TO: (new operator) MERIT ENERGY COMPANY
 (address) 12222 MERIT DR STE 1500
DALLAS TX 75251
MARTHA ROGERS
 Phone: (972) 701-8377
 Account no. N4900 (4-30-97)

FROM: (old operator) BURLINGTON RESOURCES O&G
 (address) 3300 N A ST BLDG 6
MIDLAND TX 79710-1810
MARALENE SPAWN
 Phone: (915) 688-6800
 Account no. N7670

WELL(S) attach additional page if needed:

***KACHINA UNIT (SECONDARY RECOVERY)**

Name: **SEE ATTACHED**	API: <u>43-015-30091</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 4-3-97)
- Lee 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 4-3-97)
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: #20198545 (eff. 3-13-97)
- Lee 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (4-30-97)
- Lee 6. Cardex file has been updated for each well listed above. (5-30-97)
- Lee 7. Well file labels have been updated for each well listed above. (5-30-97)
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (4-30-97)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- ___ 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- ___ 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- ___ 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- ___ 2. A copy of this form has been placed in the new and former operator's bond files.
- ___ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ___, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ___, of their responsibility to notify all interest owners of this change.

FILMING

- 1/5 1. All attachments to this form have been microfilmed. Today's date: 6-20-97.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

970430 BLM / Aprv. 4-23-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Merit Energy Company

3a. Address
12222 Merit Dr., Dallas, Tx 75251

3b. Phone No. (include area code)
972-701-8377

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
3387' FSL & 1767' FEL
Sec. 14-17S-6E

5. Lease Serial No.
U - 15202

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
57287U6920
Indian Creek

8. Well Name and No.
Indian Creek #1

9. API Well No.
43-015-30091

10. Field and Pool, or Exploratory Area
Indian Creek

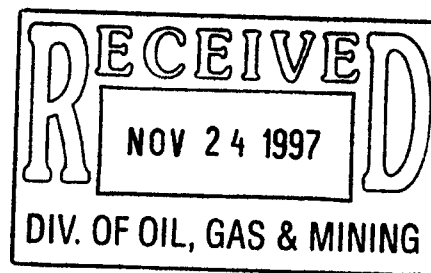
11. County or Parish, State
Emery Co., Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Well is currently SI--SITP 1000#---Permission requested to install production equipment as needed and place well back to production.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Martha J. Rogers

Title
Manager, Regulatory Affairs

Signature

Date
11/19/97

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.
U-15202

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
East Mountain

8. Well Name and No.
Indian Creek #2 ?

9. API Well No.
43-015-30091

10. Field and Pool, or Exploratory Area
Indian Creek

11. County or Parish, State
Emery County, Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Merit Energy Company

3a. Address
12222 Merit Dr., Suite 1500, Dallas, TX. 75251

3b. Phone No. (include area code)
972-701-8377

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**3387' FSL & 1767' FEL (SW NE)
Section 14-T17S-R6E**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

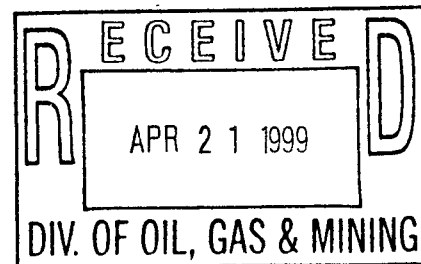
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/30/98 Resumed production without any remedial work to the well. Selling at rate of 25 MCFPD.

Well Site Diagram attached.

cc: Utah Division of Oil, Gas & Mining



14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed) Arlene Valliquette	Title Manager - Regulatory Affairs
Signature <i>Arlene Valliquette</i>	Date 4/16/99

(THIS SPACE FOR FEDERAL OR STATE USE)

Approved by	Title	Date

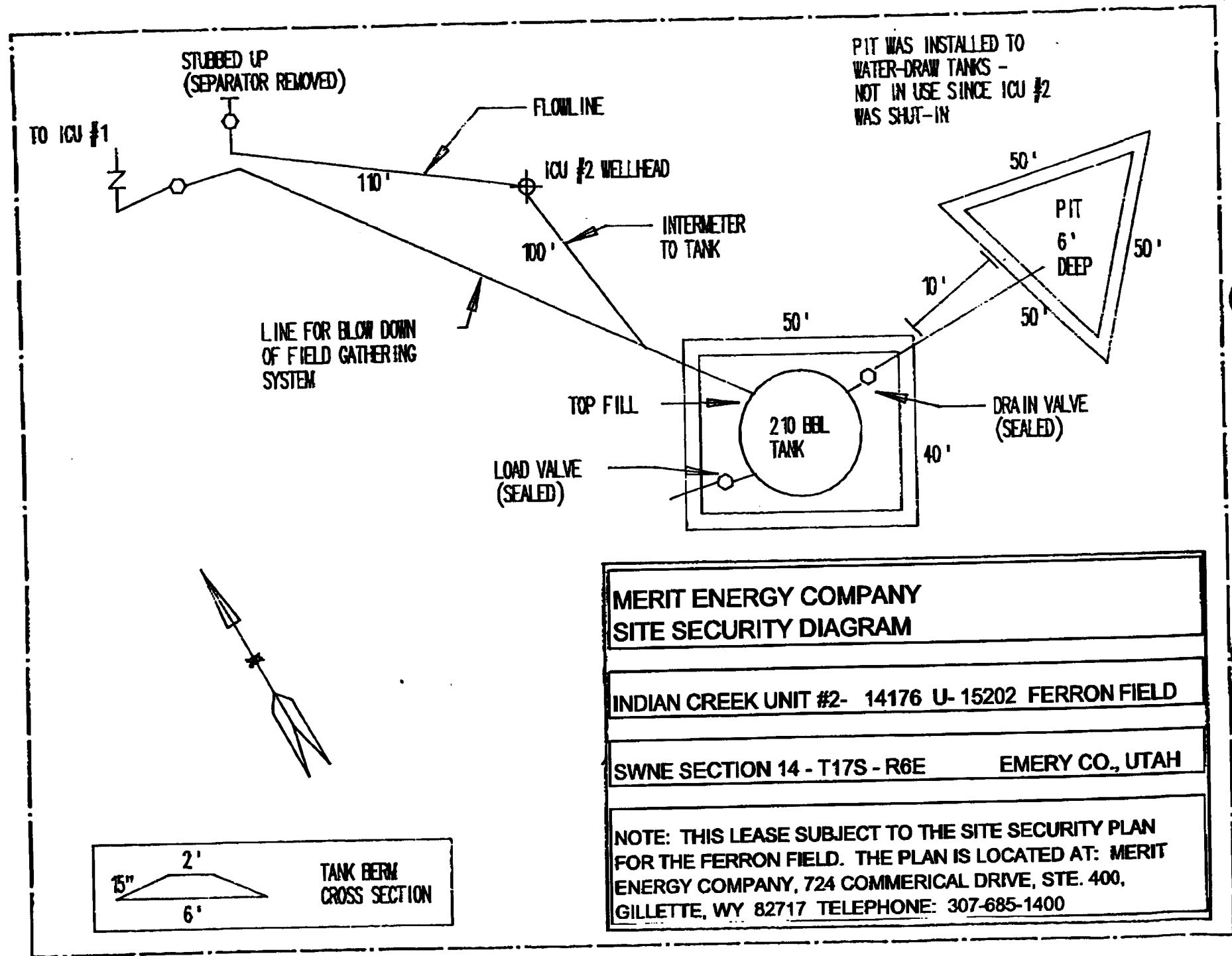
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

APR-14-99 01:00 PM MERIT ENERGY CO. SURVEILLANCE





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

August 15, 2005

Memorandum

To: Moab Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Name Change Approval

Attached is an approved copy of the name change recognized by the Wyoming State Office. We have updated our records to reflect the name change from Merit Partners L.P. into Merit Management Partners I, L.P. The name change was approved effective September 23, 2004.

Teresa L. Catlin
Acting Chief, Branch of
Fluid Minerals

Enclosure
Articles of Organization (4 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

AUG 16 2005

DIV. OF OIL, GAS & MINING



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Wyoming State Office

P.O. Box 1828

Cheyenne, Wyoming 82003-1828



3106.8

(921Jensen)

PHONE NO: (307) 775-6252

FAX NO: (307) 775-6173

AUG 05 2005

Merit Management Partners I L.P.
13727 Noel Road, Ste 500
Dallas, TX 75240

BLM - UT - 950
2005 AUG 11 AM 10:05

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of **Merit Partners L.P.** into **Merit Management Partners I, L.P.**

For our purposes, this name change is recognized effective **September 23, 2004.**

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. This exhibit was compiled from a list of leases obtained from our Legacy Rehost System (LR2000) showing record title (lessee) interest and rights-of-way grants.

To document case files of leases with operating rights, working interests, or overriding royalties, **Merit Management Partners I L. P.** must submit a list of leases numbers. Our office does not record these types of ownership in our automated system. A request was made from your company for a list of lease numbers affected by this name change. Your verbal response was we should use the list of leases we have in our automated system. We have provided a copy of this printout with this notice for your information.

We have not abstracted the lease files to determine the accuracy of any record title, operating rights, working interests or overriding royalty percentage interests. This notice is intended only to recognize a legal change of company name. Any conflicts of record title interest ownership will have to be addressed on an individual level with documents recorded in the case files.

Our office will submit a copy of this notice to the Minerals Management Service and all other Bureau of Land Management offices. If additional documentation for changes of operator is required by our field offices, you will be contacted by them.

If you identify additional leases affected by this name change, please contact this office and we will document those files with a copy of this Notice.

STATE OF DELAWARE
AMENDMENT TO THE CERTIFICATE
OF LIMITED PARTNERSHIP

MERIT PARTNERS, L.P.
(NEW NAME: MERIT MANAGEMENT PARTNERS I, L.P.)

The undersigned, desiring to amend the Certificate of Limited Partnership pursuant to the provisions of Section 17-202 of the Revised Uniform Limited Partnership Act of the State of Delaware, does hereby certify as follows:

FIRST: The name of the Limited Partnership is Merit Partners, L.P.

SECOND: The Certificate of Limited Partnership is amended and restated to read in its entirety as follows:

1. The name of the Limited Partnership is Merit Management Partners I, L.P.
2. The address of the registered office of the Limited Partnership in the State of Delaware is 2711 Centerville Road, Suite 400, Wilmington, New Castle County, Delaware 19808. The Limited Partnership's registered agent at that address is Corporation Service Company.
3. The name of the general partner is Merit Energy Company, a Delaware corporation, and the mailing address and street address of the business of such general partner is 13727 Noel Road, Suite 500, Dallas, Texas 75240.

IN WITNESS WHEREOF, the undersigned, being the sole general partner of the Limited Partnership, has caused this Amendment to the Certificate of Limited Partnership to be duly executed on the 15th day of September, 2004.

MERIT ENERGY COMPANY.

By:



Bonnie C. Shea, President

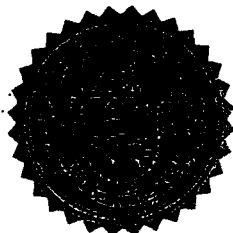
Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "MERIT PARTNERS, L.P.", CHANGING ITS NAME FROM "MERIT PARTNERS, L.P." TO "MERIT MANAGEMENT PARTNERS I, L.P.", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF SEPTEMBER, A.D. 2004, AT 6:20 O'CLOCK P.M.

RECEIVED
05 MAY - 9 AM 9:00
CHEYENNE, WYOMING
DEPARTMENT OF THE TREASURER
BUREAU OF LAND MANAGEMENT



2286808 8100

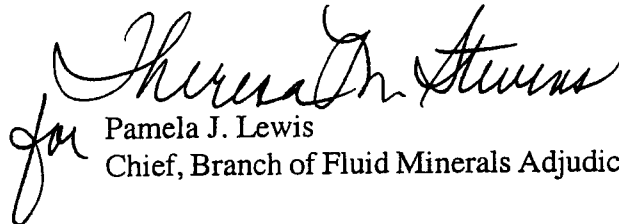
050341031

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State
AUTHENTICATION: 3841741

DATE: 04-27-05

Please direct any questions concerning this correspondence to Ronelle L. Jensen at (307) 775-6252.


for Pamela J. Lewis
Chief, Branch of Fluid Minerals Adjudication

Attachment

cc:
Name Change Log
Public Room Name Change Log
(921Judy)
(921Jensen)
(921Olsen)
All State Offices
MMS
Casper, RMG Sharon Taylor

Minerals Field Offices

Denise Oliverius, Buffalo FO
Newcastle FO
Ellen Burris, Casper FO
Beth Holden, Rawlins FO
Dorothy Savage, Rock Springs FO
Debbie Larsen, Lander FO
Jean Cattelan, Kemmerer FO
Karen Olsen, Pinedale FO
Cara Blank, Cody FO
Kelly Lyman, Worland FO

MEMO WRITTEN: August 15, 2005

12/6/05 Note: No operator change requested at DOGM. ER

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-15202
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		8. WELL NAME and NUMBER: INDIAN CREEK 14176-1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 3387 FSL 1767 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 14 Township: 17.0S Range: 06.0E Meridian: S		9. API NUMBER: 43015300910000
9. FIELD and POOL or WILDCAT: FLAT CANYON		COUNTY: EMERY
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/28/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
OTHER: Site Security Diagram		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please find the currant Site Security Diagram for the above referenced well for your records.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 02, 2015		
NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/28/2015	

